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December 3, 2013

Via U.S. Mail

Members of the State Water Resources Control Board
Attn: Ms. Jeanine Townsend, Clerk to the Board
1001 "I" Street, 24th Floor
P.O. Box 100
Sacramento, CA 95814

Re: Supplemental Information Related To Southern Delta Salinity Objectives--Water
Diversions and Saline Discharges Within The Sacramento-San Joaquin Delta

Dear Board Members:

This letter is submitted on behalf of the San Luis & Delta-Mendota Water Authority and each of its member agencies ("Authority"). The Authority appreciates this opportunity to provide supplemental information related to Phase 1 of the review and update of the 2006 Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary ("Bay-Delta Plan"). On March 29, 2013, the Authority submitted a joint comment letter ("Comment Letter") to the State Water Resources Control Board ("State Water Board") regarding the draft Substitute Environmental Document in support of potential changes to the San Joaquin River Flows and Southern Delta Water Quality ("Draft SED"), and regarding the draft Southern Delta Agricultural Water Quality Objectives and draft Lower San Joaquin River Fish and Wildlife Flow Objectives. The Authority now requests that the State Water Board consider and include in the administrative record for the Bay-Delta Plan update and review the enclosed information regarding water diversions and saline discharges in the Sacramento-San Joaquin Delta ("Delta").

In its Comment Letter, the Authority noted that Water Code section 13241 requires the State Water Board consider the following factors, among others, in establishing water quality objectives that provide "reasonable protection" of beneficial uses: (1) "[p]ast, present, and probable future beneficial uses of water;" and (2) "[w]ater quality conditions that could reasonably be achieved through the coordinated control of all factors which affect water quality in the area." (Water Code, § 13241, subd. (a), (c).) Thus, in developing and evaluating potential changes to the Southern Delta salinity objectives for the protection of agricultural beneficial uses of water, the State Water Board must make an effort to determine the water rights which establish the scope of the beneficial use to be protected. To assist the State Water Board in this effort, the Authority obtained information from the Office of the Delta Water Master regarding claimed rights to divert water within the legal boundaries of the Delta.

Attached hereto as Attachment 1 is a summary table of Water Rights/Claims in the Legal Delta.¹ Attached hereto as Attachment 2 is a list of additional information regarding Water Rights/Claims in the Legal Delta.² The attached documents indicate that the majority of water diversions occurring within the Delta are based on claimed pre-1914 appropriative rights or claimed riparian rights. Additional information regarding such claimed water rights is available in the Statements of Water Diversion and Use filed with the State Water Board. The State Water Board should consider the information contained in the Statements of Water Diversion and Use, listed in Attachment 2, in evaluating the nature and scope of valid beneficial use of water for agricultural purposes within the Southern Delta. In addition, the State Water Board should seek to obtain the latest information regarding water diversions within the Delta, as new Statements of Water Diversion and Use are filed on an on-going basis. The Statements of Water Diversion and Use should also be included as part of the administrative record for the Bay-Delta Plan update and review.

In addition to considering the beneficial uses of water when establishing water quality objectives, the State Water Board must consider the “[w]ater quality conditions that could reasonably be achieved through the coordinated control of all factors which affect water quality in the area.” (Water Code, § 13241, subd. (c).) The Draft SED states that the “goal of the Preferred [Southern Delta Water Quality] Alternative is to protect agriculture through new numeric objectives and a program of implementation that places responsibility on the USBR, DWR, and others, *commensurate with their contributions to the southern Delta salinity impairments.*” (Draft SED, at p. ES-3, italics added.) To achieve this stated goal and to understand the water quality that could be achieved through the coordinated control of all factors affecting salinity levels in the Southern Delta, the State Water Board must make an effort to determine the sources and factors affecting salinity levels. To assist the State Water Board in this effort, the Authority compiled information regarding sources of salinity in the Southern Delta.

Attached hereto as Attachment 3 is a 2007 Memo Report prepared by the Department of Water Resources (“DWR”) regarding Sources of Salinity in the South Sacramento-San Joaquin Delta.³ Attached hereto as Attachment 4 are excerpts from the Annual Monitoring Reports of the San Joaquin County & Delta Water Quality Coalition, submitted to the Central Valley Regional Water Quality Control Board as part of the Irrigated Lands Regulatory Program.⁴ Attached hereto as Attachment 5 is a table, which summarizes the reported electric conductivity levels at

¹ The document attached as Attachment 1 is available on the Office of the Delta Watermaster’s website, at http://www.waterboards.ca.gov/water_issues/programs/delta_watermaster/docs/wrc_legaldelta.pdf

² The document attached as Attachment 2 was provided by the Delta Watermaster, Craig Wilson, at the request of the Authority’s legal counsel. (Email Communication from Delta Watermaster, Craig Wilson, to Elizabeth Leeper (April 10, 2013).)

³ The document attached as Attachment 3 was previously submitted to the State Water Board by DWR, as Appendix C to DWR’s Comments to the State Water Resources Control Board Regarding Information On the Southern Delta Salinity and San Joaquin River Flow Objectives and Their Program of Implementation (April 6, 2009). The Authority is providing a copy of this document to ensure that the State Water Board continues to consider the information presented therein, in developing salinity objectives and a program of implementation for protection of agriculture in the Southern Delta.

⁴ The complete Annual Monitoring Reports of the San Joaquin County & Delta Water Quality Coalition are available at

http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/monitoring_plans_reports_reviews/monitoring_report_reviews/coalitions/sanjoaquin_county_delta_waterquality/index.shtml

the New Jerusalem Drain monitoring station from 2005-2010.⁵ The attached documents indicate that agricultural discharges in the Delta are a significant source of salinity and affect salinity levels in the Southern Delta region. The State Water Board should consider the information in these documents, along with any additional relevant information that can be obtained from the Central Valley Regional Water Quality Control Board, in evaluating the sources of salinity in the Southern Delta and in developing a program of implementation for the salinity objectives which places responsibility commensurate with the factors affecting salinity.

In summary, the Authority requests that the State Water Board consider the enclosed information in establishing water quality objectives and programs of implementation for potential Phase 1 amendments to the Bay-Delta Plan. The Authority requests that the enclosed information be included in the administrative record for the Bay-Delta Plan update and review process. Finally, the Authority requests that the State Water Board review and consider other information relevant to Delta diversions and saline discharges, such as information available in the Statements of Water Diversion and Use and information from the Central Valley Regional Water Quality Control Board regarding agricultural discharges in the Delta.

The Authority appreciates this opportunity to provide the State Water Board with supplemental information that is relevant to the Bay-Delta Plan review and update. The Authority looks forward to continuing to participate in this process and to ensure that the amended Bay-Delta Plan will provide a reasonable level of protection for all demands being made on the waters of the Delta.

Very truly yours,

KRONICK, MOSKOVITZ, TIEDEMANN & GIRARD
A Professional Corporation



DANIEL J. O'HANLON
Attorneys for the San Luis & Delta-Mendota Water Authority

- Attachment 1 – Summary Table of Water Rights/Claims in the Legal Delta
- Attachment 2 – Additional Information Regarding Water Rights/Claims in the Legal Delta
- Attachment 3 – DWR 2007 Memo Report Regarding Sources of Salinity in the South
Sacramento-San Joaquin Delta
- Attachment 4 – Excerpts From the Annual Monitoring Reports of the San Joaquin County &
Delta Water Quality Coalition (Irrigated Lands Regulatory Program)
- Attachment 5 – New Jerusalem Drain (2005-2010): Monthly Average Electrical Conductivity

1028718.1 10355.039

⁵ The document attached as Attachment 5 provides monthly averages, calculated from the 15-minute data collections of the New Jerusalem Drain station, as reported on the California Data Exchange Center ("CDEC"), available at http://cdec.water.ca.gov/cgi-progs/staMeta?station_id=NJD.

ATTACHMENT #1

Water Rights/Claims in the Legal Delta	
As of April 7, 2013	
Water Rights/Claims	
Licenses	293
Permits	35
Pending Applications	7
State Filings	6
Statements	2384
All Rights/Claims	2725
Miscellaneous*	113
Total	2838

*Includes revoked, cancelled, temporary, or inactive water right claims

ATTACHMENT #2

Legal Delta Rights/Claims

	Application	Status	Water Right Type	Primary Owner	County
1	A000301	Licensed	Appropriative	WEST SIDE IRRIGATION DISTRICT	San Joaquin
2	A000732	Licensed	Appropriative	ARNAUDO BROTHERS PARTNERSHIP	San Joaquin
3	A001150	Licensed	Appropriative	SWEETWATER COMPANY	Yolo
4	A001666	Licensed	Appropriative	RECLAMATION DISTRICT #999	Solano, Yolo
5	A001933	Licensed	Appropriative	Banta-Carbona Irrigation District	San Joaquin
6	A002286	Licensed	Appropriative	PESCADERO RECLAMATION DIST NO 2058	San Joaquin
7	A002318	Licensed	Appropriative	RECLAMATION DISTRICT #2068	Solano
8	A002339	Licensed	Appropriative	CLEO R VIEIRA	San Joaquin
9	A002593	Licensed	Appropriative	EAST BAY MUNICIPAL UTILITY DISTRICT	Contra Costa
10	A002681A	Licensed	Appropriative	THOMAS MCCORMACK	San Joaquin
11	A002681B	Licensed	Appropriative	JOHN MCCORMACK COMPANY INC	Sacramento
12	A002681C	Licensed	Appropriative	MELLO FARMS INC	Sacramento
13	A002707	Licensed	Appropriative	M & H REALTY PARTNERS VI L P	Sacramento
14	A002718	Licensed	Appropriative	EAST BAY REGIONAL PARK DISTRICT	Contra Costa
15	A002948	Licensed	Appropriative	RECLAMATION DISTRICT #756	San Joaquin
16	A002949	Licensed	Appropriative	Bloomfield/Bixler Rec Dist 2121	Contra Costa
17	A002950	Licensed	Appropriative	DELTA FARMS R D #2024	Contra Costa
18	A002951	Licensed	Appropriative	DELTA FARMS R D #2025	Contra Costa, San Joaquin
19	A002952	Licensed	Appropriative	DELTA FARMS R D #2026	Contra Costa, San Joaquin
20	A002953	Licensed	Appropriative	DELTA FARMS R D #2027	San Joaquin
21	A002954	Licensed	Appropriative	Reclamation District No. 2028	San Joaquin
22	A002955	Licensed	Appropriative	DELTA FARMS R D #2029	San Joaquin
23	A002956	Licensed	Appropriative	DELTA FARMS R D #2030	San Joaquin
24	A002957	Licensed	Appropriative	DELTA FARMS R D #2041	San Joaquin
25	A002958	Licensed	Appropriative	DELTA FARMS R D #2042	San Joaquin
26	A002959	Licensed	Appropriative	DELTA FARMS R D #2044	San Joaquin
27	A002960	Revoked	Appropriative		
28	A003436	Licensed	Appropriative	E I DUPONT DE NEMOURS & COMPANY	Contra Costa
29	A003518	Licensed	Appropriative	ARNOLD L STRECKER JR	San Joaquin
30	A003613	Licensed	Appropriative	BRACK RECLAMATION DISTRICT #2033	San Joaquin
31	A003701	Licensed	Appropriative	THEODORE WITT	San Joaquin
32	A003768	Licensed	Appropriative	JERSEY ISLAND RECLAMATION DIST 830	Contra Costa
33	A003769	Licensed	Appropriative	HASTINGS RECLAMATION DIST 2060	Solano
34	A003802	Revoked	Appropriative		
35	A003905	Licensed	Appropriative	FREDERICK J DAMELE	San Joaquin
36	A003914	Licensed	Appropriative	THE NATURE CONSERVANCY	Sacramento, San Joaquin
37	A003957	Licensed	Appropriative	Saybrook	San Joaquin
38	A003990	Licensed	Appropriative	ANNLEE B MCGURK	San Joaquin
39	A004071	Licensed	Appropriative	MAIN STONE CORPORATION	San Joaquin
40	A004099	Licensed	Appropriative	RECLAMATION DISTRICT #999	Yolo
41	A004100	Licensed	Appropriative	RECLAMATION DISTRICT #999	Solano, Yolo
42	A004101	Licensed	Appropriative	RECLAMATION DISTRICT #999	Yolo
43	A004110	Licensed	Appropriative	THOMAS J SARALE	San Joaquin
44	A004123	Licensed	Appropriative	SWEETWATER COMPANY	Yolo

45	A004124	Licensed	Appropriative	SWEETWATER COMPANY	Yolo
46	A004161	Licensed	Appropriative	Tony M Garcia	San Joaquin
47	A004209	Licensed	Appropriative	Sherman Chiu	San Joaquin
48	A004218A	Licensed	Appropriative	ALEXANDER FAHN	Solano
49	A004218B	Licensed	Appropriative	US Army Corps of Engineers	Yolo
50	A004274	Licensed	Appropriative	FOUR B FARMS	San Joaquin
51	A004275	Licensed	Appropriative	PHILIP F FLEISIG	San Joaquin
52	A004276	Licensed	Appropriative	RALPH B GRUNAUER JR	San Joaquin
53	A004341	Licensed	Appropriative	LITTLE POTATO SLOUGH MUTUAL WATER CO	San Joaquin
54	A004367	Licensed	Appropriative	Narusuke Monguchi	Yolo
55	A004369	Licensed	Appropriative	WILLIAM J CORREA	Sacramento
56	A004372	Licensed	Appropriative	R W ROSE	Yolo
57	A004376	Licensed	Appropriative	DANIEL A SERPA REV TRUST	Yolo
58	A004400	Licensed	Appropriative	BARBERA PACKING CORPORATION	San Joaquin
59	A004429	Licensed	Appropriative	ARNAUDO BROTHERS PARTNERSHIP	San Joaquin
60	A004432	Licensed	Appropriative	JAL FARMS INC	Contra Costa, San Joaquin
61	A004451	Licensed	Appropriative	RUDY DEL'OSSO	San Joaquin
62	A004452	Licensed	Appropriative	YAMADA BROTHERS	San Joaquin
63	A004454	Licensed	Appropriative	ELMER J MOLINI	San Joaquin
64	A004460	Licensed	Appropriative	RIVER JUNCTION RECL DIST NO 2064	San Joaquin
65	A004470	Licensed	Appropriative	PARADISE MUTUAL WATER COMPANY	San Joaquin
66	A004471	Licensed	Appropriative	GEORGE A SPECKMAN TESTAMENTARY TRUST	San Joaquin
67	A004472	Licensed	Appropriative	MOSSDALE ASSOCIATES	San Joaquin
68	A004501	Licensed	Appropriative	LAWRENCE SCHNEIDER AND RUTH SCHNEIDER FAMILY REV TF	Yolo
69	A004506	Licensed	Appropriative	VERNALIS ENTERPRISES INC	San Joaquin
70	A004512	Licensed	Appropriative	R & M RANCH PTP	San Joaquin
71	A004513	Licensed	Appropriative	R & M RANCH PTP	San Joaquin
72	A004520	Licensed	Appropriative	IVAN CERRI	San Joaquin
73	A004537	Licensed	Appropriative	ALAN GIOVANNONI	San Joaquin
74	A004562	Licensed	Appropriative	Rudy M. Mussi Investment L.P.	San Joaquin
75	A004568	Licensed	Appropriative	DELTA HABITAT LLC	San Joaquin
76	A004569	Licensed	Appropriative	VERNALIS PARTNERS LTD	San Joaquin
77	A004635	Licensed	Appropriative	CLIFTON COURT LP	Contra Costa
78	A004636	Licensed	Appropriative	RIGOBERTO OCEGUEDA	San Joaquin
79	A004637	Licensed	Appropriative	ROBERT C HOLDENER	San Joaquin
80	A004662	Licensed	Appropriative	MAIN STONE CORPORATION	San Joaquin
81	A004820	Licensed	Appropriative	IVAN CERRI	San Joaquin
82	A004894	Licensed	Appropriative	JOHN K ISHIZUKA	San Joaquin
83	A004921	Licensed	Appropriative	ARNAUDO BROTHERS	San Joaquin
84	A004922	Licensed	Appropriative	HENRY E MULLER	San Joaquin
85	A004942	Licensed	Appropriative	JACKSON TRUST UDT 05-22-96	Contra Costa
86	A004943	Licensed	Appropriative	RECLAMATION DISTRICT #2037	San Joaquin
87	A004944	Licensed	Appropriative	RECLAMATION DISTRICT #2038	San Joaquin
88	A004945	Licensed	Appropriative	RECLAMATION DISTRICT #2039	San Joaquin
89	A004979	Licensed	Appropriative	RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
90	A004991	Licensed	Appropriative	PESCADERO RECLAMATION DIST NO 2058	San Joaquin
91	A005047	Licensed	Appropriative	ELEANOR M GIKAS	San Joaquin
92	A005063	Licensed	Appropriative	RAYMOND P & B H CALCAGNO TRUST	San Joaquin

93	A005064	Licensed	Appropriate	GARY M. GRAHAM	San Joaquin
94	A005092	Licensed	Appropriate	LAMB GIANELLI FAMILY LP	San Joaquin
95	A005102	Licensed	Appropriate	MARIO JAQUES	San Joaquin
96	A005120	Licensed	Appropriate	JACK KLEIN TRUST PARTNERSHIP	San Joaquin
97	A005121	Licensed	Appropriate	EDDIE VIERRA FARMS LLC	San Joaquin
98	A005153A	Licensed	Appropriate	FRANK J BORGES	San Joaquin
99	A005153B	Licensed	Appropriate	CALIF DEPARTMENT OF CORRECTIONS	San Joaquin
100	A005155	Licensed	Appropriate	ISLANDS RECLAMATION DISTRICT 2062	San Joaquin
101	A005201	Licensed	Appropriate	MAIN STONE CORPORATION	San Joaquin
102	A005209A	Licensed	Appropriate	FRANK J BORGES	San Joaquin
103	A005209B	Licensed	Appropriate	CALIF DEPARTMENT OF CORRECTIONS	San Joaquin
104	A005248	Licensed	Appropriate	Banta-Carbona Irrigation District	San Joaquin
105	A005364	Licensed	Appropriate	RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
106	A005626	Permitted	Appropriate	U.S. BUREAU OF RECLAMATION	Contra Costa, Glenn, Sacramento, Shasta, Tehama
107	A005628	Permitted	Appropriate	U.S. BUREAU OF RECLAMATION	Contra Costa, Trinity
108	A005630	Permitted	Appropriate	CALIF DEPT OF WATER RESOURCES	Butte, Contra Costa, Sacramento
109	A005941	Licensed	Appropriate	CONTRA COSTA WATER DISTRICT	Contra Costa
110	A005993	Licensed	Appropriate	DONNA L REED	Yolo
111	A006145	Licensed	Appropriate	PETER DEN HARTOG	Sacramento, San Joaquin
112	A006299	Revoked	Appropriate		
113	A006315	Licensed	Appropriate	Henry P Van Exel	San Joaquin
114	A006316	Licensed	Appropriate	David W Nuss	San Joaquin
115	A006386	Licensed	Appropriate	RICHARD AND MIKKI RIELLA 2006 FAMILY TRUST	San Joaquin
116	A006430A	Licensed	Appropriate	BLOSSOM RANCH, INC.	Sacramento, San Joaquin
117	A006430B	Licensed	Appropriate	LEEN DESNAYER	San Joaquin
118	A006587	Licensed	Appropriate	PROPERTY RESERVE CALIFORNIA, INC	Contra Costa, San Joaquin
119	A006712	Licensed	Appropriate	RAYMOND P & B H CALCAGNO TRUST	San Joaquin
120	A006877A	Licensed	Appropriate	ANNLEE B MCGURK	San Joaquin
121	A006877B	Licensed	Appropriate	FRANCIS LAMB	San Joaquin
122	A006936	Licensed	Appropriate	MARIO JAQUES	San Joaquin
123	A007232	Licensed	Appropriate	LORNA KELSO	Yolo
124	A007474	Licensed	Appropriate	Steven K Ehlers	San Joaquin
125	A007667	Licensed	Appropriate	2010 GRANT R RICKEY TRUST	San Joaquin
126	A008292	Revoked	Appropriate		
127	A008318	Licensed	Appropriate	JOSEPH P RATTO	San Joaquin
128	A008338	Licensed	Appropriate	PROPERTY RESERVE CALIFORNIA, INC	Contra Costa
129	A008406	Licensed	Appropriate	CRAIG WATTS	San Joaquin
130	A008489A	Licensed	Appropriate	THOMAS MCCORMACK	San Joaquin
131	A008489B	Licensed	Appropriate	JOHN MCCORMACK COMPANY INC	Sacramento
132	A008489C	Licensed	Appropriate	MELLO FARMS INC	Sacramento
133	A008633	Licensed	Appropriate	BRUNO MARCHINI	San Joaquin
134	A009169	Licensed	Appropriate	SWG DELTA VINEYARDS, LLC	Sacramento
135	A009170	Licensed	Appropriate	LARRY PELLEGRINI, TRUSTEE	San Joaquin
136	A009182	Licensed	Appropriate	PARADISE MUTUAL WATER COMPANY	San Joaquin
137	A009183	Licensed	Appropriate	DELL'OSSO BROTHERS	San Joaquin
138	A009220	Revoked	Appropriate		
139	A009252	Licensed	Appropriate	CHARLES AND LESLIE MCDOWELL FAMILY TRUST	Sacramento
140	A009320	Licensed	Appropriate	BLTS FARMS, LLC	San Joaquin

141	A009363	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, Sacramento, San Joaquin, Shasta, Tehama
142	A009364	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, Sacramento, San Joaquin, Shasta, Tehama
143	A009366	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, San Joaquin
144	A009367	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, San Joaquin
145	A009368	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa
146	A009764	Licensed	Appropriative	BERNARD F DAMELE	San Joaquin
147	A009824	Licensed	Appropriative	CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	Solano
148	A009834	Licensed	Appropriative	Robert Albert Brocchini Trust	San Joaquin
149	A009862	Licensed	Appropriative	DIXON RANGE PROPERTY ET AL	Solano
150	A009889	Licensed	Appropriative	JOSEPH P RATTO JR	San Joaquin
151	A010067	Licensed	Appropriative	JOSEPH P RATTO JR	San Joaquin
152	A010068	Revoked	Appropriative		
153	A010068A	Licensed	Appropriative	JOE AVIS FARMS	Sacramento
154	A010068B	Licensed	Appropriative	CALIF DEPT OF WATER RESOURCES	Sacramento
155	A010068C	Licensed	Appropriative	FRANK A LORETZ	Sacramento
156	A010068D	Licensed	Appropriative	U S BUREAU OF LAND MANAGEMENT	Sacramento
157	A010068E	Licensed	Appropriative	SEAI America, Inc.	Sacramento
158	A010113	Licensed	Appropriative	GLORIA A BACCHETTI	San Joaquin
159	A010193	Licensed	Appropriative	J H JONSON & SONS INC	Sacramento
160	A010194	Licensed	Appropriative	DELTA RANCH PARTNERSHIP	Sacramento
				CONRAD AND BERNIECE SILVA REVOCABLE TRUST DATED 2/26/93	San Joaquin
161	A010215	Licensed	Appropriative		San Joaquin
162	A010233	Licensed	Appropriative	Marvin and Jeanette Muela et/al	San Joaquin
163	A010374	Licensed	Appropriative	JOSEPH P RATTO JR	San Joaquin
164	A010531	Licensed	Appropriative	FRY FAMILY TRUST OF 1999	San Joaquin
165	A010611	Licensed	Appropriative	GEORGE A SPECKMAN TESTAMENTARY TRUST	San Joaquin
166	A010808	Licensed	Appropriative	STOCKTON GOLF & COUNTRY CLUB	San Joaquin
167	A010842	Licensed	Appropriative	Jawid Siddiq	Alameda
168	A010859	Licensed	Appropriative	JOE SANCHEZ FARMS INC	Sacramento
169	A010903	Licensed	Appropriative	RIO BIANCO RANCH, INC	San Joaquin
170	A011141	Revoked	Appropriative		
171	A011194	Licensed	Appropriative	THOMAS MCCORMACK	Sacramento
172	A011240	Licensed	Appropriative	FRANK A LORETZ	Sacramento
173	A011266	Licensed	Appropriative	JOHN C KELLEY RANCHES, LLC	San Joaquin
174	A011268	Revoked	Appropriative	J S STEPHENS II	
175	A011268A	Licensed	Appropriative	DELTA RANCH PARTNERSHIP	Sacramento
176	A011268B	Revoked	Appropriative	DELTA BREEZE VINEYARDS LLC	
177	A011268B0	Licensed	Appropriative	CITY OF ELK GROVE	Sacramento
178	A011268B0	Licensed	Appropriative	CITY OF ELK GROVE	Sacramento
179	A011412	Licensed	Appropriative	Tony M Garcia	San Joaquin
180	A011526	Licensed	Appropriative	FRANK A LORETZ	Sacramento
181	A011541	Licensed	Appropriative	US FISH & WILDLIFE SERVICE	Sacramento
182	A011637	Licensed	Appropriative	LARUE SCHOCK	San Joaquin
183	A011644	Licensed	Appropriative	US FISH & WILDLIFE SERVICE	Sacramento
184	A011672	Licensed	Appropriative	IVAN CERRI	San Joaquin
185	A011694	Licensed	Appropriative	RIO BLANCO, INC	San Joaquin
186	A011739	Licensed	Appropriative	GARY A ABATE	San Joaquin
187	A011810	Licensed	Appropriative	JACK KLEIN TRUST PARTNERSHIP	San Joaquin

188	A011847	Licensed	Appropriative	UNION ISLAND MUTUAL WATER CO, INC	San Joaquin
189	A011887	Licensed	Appropriative	GALEN AND MARYN WHITNEY FAMILY TRUST	Sacramento
190	A012009	Licensed	Appropriative	SUTTER HOME WINERY INC	Sacramento
191	A012239	Licensed	Appropriative	ARNAUDO BROTHERS	San Joaquin
192	A012241	Licensed	Appropriative	Thomas J. Stokes and Sandra Marie Stokes, 1996 Trust	San Joaquin
193	A012286	Licensed	Appropriative	CITY OF VALLEJO	Solano
194	A012482	Licensed	Appropriative	BARRY A MCCLAIN	Sacramento
195	A012566	Licensed	Appropriative	PATRICIA PETERSON	Solano
196	A012572	Licensed	Appropriative	CITY OF LODI	San Joaquin
197	A012648	Licensed	Appropriative	WOODBIDGE IRRIGATION DISTRICT	San Joaquin
198	A012699	Licensed	Appropriative	U S FISH & WILDLIFE SERVICE	Sacramento
				LAWRENCE SCHNEIDER AND RUTH SCHNEIDER FAMILY REV TRUST	
199	A012803	Licensed	Appropriative	US FISH & WILDLIFE SERVICE	Yolo
200	A012897	Licensed	Appropriative	KIDCO #11 L P	Sacramento
201	A012916	Licensed	Appropriative	DONALD E MORETTI	Sacramento
202	A012963	Licensed	Appropriative	RONALD D & CLOVER A SMITH FAMILY TRUST	San Joaquin
203	A013088	Licensed	Appropriative	PETERSEN ESTATE COMPANY	Yolo
204	A013148	Licensed	Appropriative	GLENN W SAUNDERS	Solano
205	A013177	Licensed	Appropriative	DAVID R GILLILAND	San Joaquin
206	A013180	Licensed	Appropriative	DAVID R GILLILAND	Yolo
207	A013181	Licensed	Appropriative	RIVER MAID LAND LTD	Yolo
208	A013239	Licensed	Appropriative	U.S. BUREAU OF RECLAMATION	Sacramento
209	A013370	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, Sacramento
210	A013371	Permitted	Appropriative	JANET PARKER	Contra Costa, Sacramento
211	A013439	Licensed	Appropriative	CHARLES AND LESLIE MCDOWELL FAMILY TRUST	Solano
212	A013488	Licensed	Appropriative	RON SMITH	Sacramento
213	A013650	Licensed	Appropriative	ASHLEY PAYNE RANCH INC	Yolo
214	A013651	Revoked	Appropriative	LAWRENCE BERTA	
215	A013651A	Licensed	Appropriative	WILDLANDS INC	Yolo
216	A013651B	Licensed	Appropriative	SAN JOAQUIN RIVER WATER USERS CO, INC	Yolo
217	A013715	Licensed	Appropriative	Elyse Anne Rodgers-Vieira	San Joaquin
218	A013732	Licensed	Appropriative	BEROLDO FARMS	San Joaquin
219	A013733	Licensed	Appropriative	A PATANE	San Joaquin
220	A013931	Licensed	Appropriative	JOHNNIE L COSTA	Sacramento
221	A013955	Licensed	Appropriative	COUNTY OF SACRAMENTO	San Joaquin
222	A013969	Licensed	Appropriative	AUGUSTA BIXLER FARMS	Sacramento
223	A014022	Licensed	Appropriative	ARNAUDO BROS LP	San Joaquin
224	A014023	Licensed	Appropriative	Interest Income Partners LP	San Joaquin
225	A014100	Licensed	Appropriative	Interest Income Partners LP	Sacramento
226	A014101	Licensed	Appropriative	YOLO FLYWAY FARMS	Sacramento
227	A014174	Licensed	Appropriative	FRANK A LORETZ	Yolo
228	A014280	Licensed	Appropriative	MACHADO CHILDREN'S TRUST ETAL	Sacramento
229	A014338	Licensed	Appropriative	LAGUENS VINEYARDS LLC	Solano
230	A014381	Licensed	Appropriative	BOGLE VINEYARDS, INC	Yolo
231	A014386	Licensed	Appropriative	CALIF DEPT OF WATER RESOURCES	Yolo
232	A014443	Permitted	Appropriative	STATE WATER RESOURCES CONTROL BOARD	Butte, Contra Costa
233	A014445	State Filing	Appropriative	CALIF DEPT OF WATER RESOURCES	Butte, Contra Costa, San Joaquin, Sutter
234	A014445A	Permitted	Appropriative		Contra Costa, Sacramento

235	A014520	Licensed	Appropriative	KENNETH R PYLMAN	Yolo
236	A014521	Licensed	Appropriative	J & R PYLMAN RANCH	Yolo
237	A014544	Licensed	Appropriative	LORIN E ZANETTI	Solano
238	A014585	Licensed	Appropriative	DELTA HABITAT LLC	San Joaquin
239	A014830	Licensed	Appropriative	RECLAMATION DISTRICT #150	Yolo
240	A014858B	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Calaveras, San Joaquin
241	A014891	Licensed	Appropriative	CERRI & SON	San Joaquin
242	A014907	Licensed	Appropriative	RECLAMATION DISTRICT #548	San Joaquin
243	A015034	Licensed	Appropriative	SAMRA FAMILY TRUST	Sacramento
244	A015041	Licensed	Appropriative	LARUE SCHOCK	San Joaquin
245	A015061	Licensed	Appropriative	CERRI & SON	San Joaquin
246	A015135	Licensed	Appropriative	ANTHONY UONG	San Joaquin
247	A015136	Licensed	Appropriative	ANTHONY UONG	San Joaquin
248	A015250	Licensed	Appropriative	HILDER FAMILY PROPERTIES PTP	San Joaquin
249	A015374	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, Trinity
250	A015375	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, Trinity
251	A015633	Licensed	Appropriative	LARUE SCHOCK	Sacramento
252	A015695	Licensed	Appropriative	LARUE SCHOCK	San Joaquin
253	A015698	Licensed	Appropriative	Duane Martin Jr	Sacramento
254	A015764	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa
255	A016097	Licensed	Appropriative	US BUREAU OF LAND MANAGEMENT	San Joaquin
256	A016098	Licensed	Appropriative	U S BUREAU OF LAND MANAGEMENT	San Joaquin
257	A016099	Licensed	Appropriative	THE NATURE CONSERVANCY	Sacramento
258	A016156	Licensed	Appropriative	JEANNE TURNER	Yolo
259	A016157	Licensed	Appropriative	JAMES B TICKLER	Yolo
260	A016158	Licensed	Appropriative	JAMES B TICKLER	Yolo
261	A016160	Licensed	Appropriative	BOGLE VINEYARDS, INC	Yolo
262	A016168	Licensed	Appropriative	TRILOGY HOMES INC	Sacramento
263	A016226	Licensed	Appropriative	RAYMOND P & B H CALCAGNO TRUST	San Joaquin
264	A016229	Licensed	Appropriative	SHEA HOMES LIMITED PARTNERSHIP	Contra Costa
265	A016345	Revoked	Appropriative	JEAN ANN BRODIE	
266	A016345A	Licensed	Appropriative	JEAN ANN BRODIE	San Joaquin
267	A016345B	Licensed	Appropriative	ROBERT SILVA	San Joaquin
268	A016376	Licensed	Appropriative	FAY RANCH INC	Sacramento
269	A016432	Licensed	Appropriative	Thomas J. Stokes and Sandra Marie Stokes, 1996 Trust	Sacramento
270	A016566	Licensed	Appropriative	SENATOR OUTING DUCK CLUB INC	Yolo
271	A016641	Licensed	Appropriative	COUNTY OF SACRAMENTO	Sacramento
272	A016749	Licensed	Appropriative	BAIRD LANDS INCORPORATED	San Joaquin
273	A016767	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, Trinity
274	A016809	Licensed	Appropriative	Shea Mountain House LLC	San Joaquin
275	A017001	Permitted	Appropriative	FORESTAR USA REAL ESTATE GROUP, INC	Contra Costa
276	A017201	Licensed	Appropriative	CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	Yolo
277	A017374	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, Trinity
278	A017376	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, Shasta
279	A017468	Revoked	Appropriative	DELTA BREEZE VINEYARDS, LLC	
280	A017468A	Licensed	Appropriative	CITY OF ELK GROVE	Sacramento
281	A017468B	Licensed	Appropriative	CITY OF ELK GROVE	Sacramento
282	A017475	Licensed	Appropriative	GEORGE N VIERRA	San Joaquin

283	A017487	Licensed	Appropriative	MAINE PRAIRIE WATER DISTRICT	Solano
284	A017488	Licensed	Appropriative	MAINE PRAIRIE WATER DISTRICT	Solano
285	A017491	Licensed	Appropriative	MAINE PRAIRIE WATER DISTRICT	Solano
286	A017493	Licensed	Appropriative	MAINE PRAIRIE WATER DISTRICT	Solano
287	A017512	Permitted	Appropriative	CALIF DEPT OF WATER RESOURCES	Madera, Merced, Sacramento
288	A017513	State Filing	Appropriative	STATE WATER RESOURCES CONTROL BOARD	Contra Costa
289	A017514	State Filing	Appropriative	STATE WATER RESOURCES CONTROL BOARD	Solano
290	A017514A	Permitted	Appropriative	CALIF DEPT OF WATER RESOURCES	Solano
291	A017515	State Filing	Appropriative	STATE WATER RESOURCES CONTROL BOARD	Solano
292	A017567	Licensed	Appropriative	JOSEPH P RATTO JR	San Joaquin
293	A017592	Licensed	Appropriative	GEORGE N VIERRA	San Joaquin
294	A017638	Licensed	Appropriative	BINH NGUYEN	San Joaquin
295	A017664	Licensed	Appropriative	MAINE PRAIRIE WATER DISTRICT	Solano
296	A017889	Licensed	Appropriative	STURTZ RANCH LLC	Sacramento
297	A017898	Licensed	Appropriative	WIMEMAN RANCH	Solano
298	A017945	Licensed	Appropriative	ANTHONY DUTRA	San Joaquin
299	A017946	Licensed	Appropriative	JOHN W HAYS	San Joaquin
300	A017947	Licensed	Appropriative	CARDOZA HOME RANCH	San Joaquin
301	A017948	Licensed	Appropriative	SAN JOAQUIN RIVER WATER USERS CO, INC	San Joaquin
302	A017950	Licensed	Appropriative	Mary Hildebrand Revocable Trust	San Joaquin
303	A017951	Licensed	Appropriative	CARDOZA HOME RANCH	San Joaquin
304	A017952	Licensed	Appropriative	EDDY JO CARDOZA	San Joaquin
305	A017953	Licensed	Appropriative	CARDOZA HOME RANCH	San Joaquin
306	A017971	Licensed	Appropriative	THOMAS MCCORMACK	Sacramento
307	A018026	Licensed	Appropriative	PAUL A COIT	San Joaquin
308	A018075	Licensed	Appropriative	GALEN AND MARYN WHITNEY FAMILY TRUST	Sacramento
309	A018115	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, Tehama
310	A018530	Licensed	Appropriative	DAVID R GILLILAND	Yolo
311	A018594	Licensed	Appropriative	RONALD D & CLOVER A SMITH FAMILY TRUST	Yolo
312	A018712	Licensed	Appropriative	THE LLOYD L PHELPS JR & PATSY R PHELPS TRUST	San Joaquin
313	A018820	Licensed	Appropriative	DAVID R GILLILAND	Yolo
314	A018824	Licensed	Appropriative	RONALD D & CLOVER A SMITH FAMILY TRUST	Yolo
315	A019087	Licensed	Appropriative	UPPER SWANSTON RANCH INC	Yolo
316	A019194	Licensed	Appropriative	Mary Hildebrand Revocable Trust	San Joaquin
317	A019229	Licensed	Appropriative	RECLAMATION DISTRICT #2068	Solano
318	A019304	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Calaveras, Contra Costa
319	A019931	Revoked	Appropriative		
320	A020245	Permitted	Appropriative	CONTRA COSTA WATER DISTRICT	Contra Costa, San Joaquin
321	A020388	Licensed	Appropriative	LUCKY FIVE FARMS	Yolo
322	A020773A	Licensed	Appropriative	YOLO BASIN FARMS	Yolo
323	A020773B	Licensed	Appropriative	Ronald Lee Snider	Yolo
324	A020957	Licensed	Appropriative	THE LLOYD L PHELPS JR & PATSY R PHELPS TRUST	San Joaquin
325	A021162	Licensed	Appropriative	THE LLOYD L PHELPS JR & PATSY R PHELPS TRUST	San Joaquin
326	A021542	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa
327	A021687	Licensed	Appropriative	ARNAUDO BROTHERS	Alameda
328	A022219	Licensed	Appropriative	EDWARD S WINEMAN	Solano
329	A022316	Permitted	Appropriative	U.S. BUREAU OF RECLAMATION	Contra Costa, San Joaquin
330	A022598	Licensed	Appropriative	JOEY P RATTO JR	San Joaquin

331	A022638	Licensed	Appropriative	RONALD D CONN	San Joaquin
332	A022722	Licensed	Appropriative	LARUE SCHOCK	Sacramento
333	A022903	Licensed	Appropriative	DAVID R GILLILAND	Yolo
334	A024362	Licensed	Appropriative	Dennis Murphy	Yolo
335	A024961	Permitted	Appropriative	RECLAMATION DISTRICT #2068	Solano
336	A025515	State Filing	Appropriative	STATE WATER RESOURCES CONTROL BOARD	Contra Costa, Merced
337	A025516	State Filing	Appropriative	STATE WATER RESOURCES CONTROL BOARD	Contra Costa
338	A025616	Permitted	Appropriative	CITY OF WEST SACRAMENTO	Yolo
339	A025661	Licensed	Appropriative	Duane Martin Jr	Sacramento
340	A026931	Licensed	Appropriative	SENATOR OUTING DUCK CLUB INC	Yolo
341	A027181	Licensed	Appropriative	STEWART FAMILY TRUST	Contra Costa
342	A027893	Permitted	Appropriative	CONTRA COSTA WATER DISTRICT	Contra Costa
343	A028480	Revoked	Appropriative		
344	A029061	Cancelled	Appropriative		
345	A029062	Pending	Appropriative	DELTA WETLANDS PROPERTIES	Contra Costa
346	A029063	Cancelled	Appropriative		
347	A029066	Pending	Appropriative	DELTA WETLANDS PROPERTIES	San Joaquin
348	A029835	Pending	Appropriative	MOKELUMNE RIVER WATER & POWER AUTHORITY	Amador, Calaveras, San Joaquin
349	A029857	Cancelled	Appropriative	BYRON-BETHANY IRRIGATION DISTRICT	
350	A030131	Cancelled	Appropriative		
351	A030151	Permitted	Appropriative	U S FISH & WILDLIFE SERVICE	Sacramento
352	A030267	Cancelled	Appropriative		
353	A030268	Pending	Appropriative	DELTA WETLANDS PROPERTIES	Contra Costa, San Joaquin
354	A030269	Cancelled	Appropriative		
355	A030270	Pending	Appropriative	DELTA WETLANDS PROPERTIES	San Joaquin
356	A030416	Cancelled	Appropriative		
357	A030454	Permitted	Appropriative	SACRAMENTO COUNTY WATER AGENCY	Sacramento
358	A030531	Cancelled	Appropriative	CITY OF STOCKTON	
359	A030531A	Permitted	Appropriative	CITY OF STOCKTON MUNICIPAL UTILITIES DEPT	San Joaquin
360	A030531B	Pending	Appropriative	CITY OF STOCKTON MUNICIPAL UTILITIES DEPT	San Joaquin
361	A030573	Permitted	Appropriative	U S FISH & WILDLIFE SERVICE	Sacramento
362	A030680	Cancelled	Appropriative		
363	A030681	Cancelled	Appropriative		
364	A030682	Cancelled	Appropriative		
365	A031090	Permitted	Appropriative	LITTLE POTATO SLOUGH MUTUAL WATER CO	San Joaquin
366	A031227	Cancelled	Appropriative		
367	A031880	Pending	Appropriative	Woods Irrigation Company	San Joaquin
368	C005079	Certified	Stockpond	JOHN E AHMANN	Solano
369	C005851	Pending	Stockpond	A STEFFAN RANCH	San Joaquin
370	C005852	Pending	Stockpond	A STEFFAN RANCH	San Joaquin
371	G363063	Claimed	Groundwater Rec	RANCHO CADIZ MUTUAL WATER COMPANY	San Joaquin
				CONTRA COSTA COUNTY FLOOD CONTROL & WATER	
372	NJ000001	Non Jurisdi	No Right Require	CONSERVATION DISTRICT	Contra Costa
373	S000039	Claimed	Statement of Div	SHOYA SAKAZAKI	Yolo
374	S000059	Inactive	Statement of Div and Use		
375	S000137	Claimed	Statement of Div	Barbara J Ohm	San Joaquin
376	S000313	Claimed	Statement of Div	JOHN R COELHO	Solano
377	S000314	Claimed	Statement of Div	J & R PYLMAN RANCH	Yolo

378	S000384	Inactive	Statement of Div	INDEPENDENT MUTUAL WATER COMPANY	San Joaquin
379	S000404	Claimed	Statement of Div	EAST CONTRA COSTA IRRIGATION DISTRICT	Contra Costa
380	S000495	Claimed	Statement of Div	Banta-Carbona Irrigation District	San Joaquin
381	S000535	Claimed	Statement of Div	RUDY MAGGIO FARMS	Sacramento
382	S000565	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
383	S000566	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
384	S000567	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
385	S000568	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Yolo
386	S000569	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
387	S000570	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
388	S000571	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
389	S000572	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Yolo
390	S000573	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
391	S000574	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
392	S000575	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Yolo
393	S000576	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Yolo
394	S000577	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
395	S000578	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
396	S000579	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
397	S000580	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
398	S000581	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Yolo
399	S000582	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Yolo
400	S000583	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Yolo
401	S000584	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Solano
402	S000595	Claimed	Statement of Div	SAN JOAQUIN RIVER WATER USERS CO, INC	San Joaquin
403	S000641	Claimed	Statement of Div	DUELL VOCATIONAL INST	San Joaquin
404	S000653	Claimed	Statement of Div	Wilson Vineyard Properties	Yolo
405	S000795	Claimed	Statement of Div	WEBBER FARMS	Yolo
406	S001027	Inactive	Statement of Div	Bettencourt Farming LLC	
407	S001237	Claimed	Statement of Div	PYLMAN VINEYARDS INC	Yolo
408	S001472	Claimed	Statement of Div	ERNEST A DIXON	San Joaquin
409	S001578	Inactive	Statement of Div	Stokes Bros. Farms, a General Partnership	
410	S001860	Claimed	Statement of Div	THOMPSON & FOLGER CO	Sacramento
411	S001861	Claimed	Statement of Div	Warren Bogle	Yolo
412	S001862	Inactive	Statement of Div	BOGLE VINEYARDS, INC	
413	S001863	Inactive	Statement of Div	BOGLE VINEYARDS, INC	
414	S001864	Inactive	Statement of Div	D & G Merwin Farms	
415	S001865	Inactive	Statement of Div	BOGLE VINEYARDS, INC	
416	S001867	Claimed	Statement of Div	PYLMAN VINEYARDS INC	Sacramento
417	S001868	Claimed	Statement of Div	PYLMAN VINEYARDS INC	Sacramento
418	S001871	Claimed	Statement of Div	GARY G & JOYCE A PYLMAN TR	Yolo
419	S001902	Claimed	Statement of Div	HOWARD SAKAI	Yolo
420	S001905	Claimed	Statement of Div	A & M PYLMAN FARMS	Sacramento
421	S001906	Claimed	Statement of Div	A & M PYLMAN FARMS	Sacramento
422	S001907	Claimed	Statement of Div	A & M PYLMAN FARMS	Sacramento
423	S001908	Claimed	Statement of Div	A & M PYLMAN FARMS	Sacramento
424	S001909	Claimed	Statement of Div	A & M PYLMAN FARMS	Sacramento
425	S001910	Claimed	Statement of Div	A & M PYLMAN FARMS	Sacramento

426	S002034	Claimed	Statement of Div	Roberta Gentner	Yolo
427	S002035	Claimed	Statement of Div	REUBEN GENTNER	Yolo
428	S002064	Claimed	Statement of Div	PACIFIC FRUIT FARMS	Sacramento
429	S002065	Claimed	Statement of Div	PACIFIC FRUIT FARMS	Sacramento
430	S002066	Claimed	Statement of Div	PACIFIC FRUIT FARMS	Sacramento
431	S002067	Inactive	Statement of Div	A R PEREIRA	Sacramento
432	S002068	Inactive	Statement of Div	A R PEREIRA	Sacramento
433	S002069	Claimed	Statement of Div	PETER CRAIG	Sacramento
434	S002260	Inactive	Statement of Div	MARY ANNE K PYLMAN	Yolo
435	S002261	Claimed	Statement of Div	MARY ANNE K PYLMAN	Yolo
436	S002262	Inactive	Statement of Div	JAMES B TICKLER	Yolo
437	S002298	Claimed	Statement of Div	WARD N BURROUGHS	Contra Costa
438	S002299	Inactive	Statement of Div	OSCAR N BURROUGHS	
439	S002300	Inactive	Statement of Div and Use		
440	S002319	Inactive	Statement of Div and Use		
441	S002320	Inactive	Statement of Div	EMERSON DAIRY INC	Contra Costa
442	S002407	Inactive	Statement of Div	ERNEST FERDUN ESTATE	
443	S002534	Inactive	Statement of Div	WACKMAN RANCH	San Joaquin
444	S002838	Inactive	Statement of Div	LESTER J BERRY	
445	S002839	Inactive	Statement of Div	LAGUENS VINEYARDS LLC	
446	S002840	Inactive	Statement of Div	LAGUENS VINEYARDS LLC	
447	S002887	Claimed	Statement of Div	GARY A ABATE	San Joaquin
448	S002888	Inactive	Statement of Div	DONALD L ZELLER	
449	S003062	Inactive	Statement of Div	L & L FARMS, LLC	San Joaquin
450	S003063	Inactive	Statement of Div	L & L FARMS, LLC	San Joaquin
451	S003064	Inactive	Statement of Div	LAGOMARSINO CITRUS	San Joaquin
452	S003065	Inactive	Statement of Div	TOM LUCKY	
453	S003109	Claimed	Statement of Div	CAROLEE J ZELLER	San Joaquin
454	S003195	Inactive	Statement of Div	GRAHAM D CONNOR	
455	S004733	Inactive	Statement of Div	KIRTLAN FARMING AND LAND CO	
456	S004995	Claimed	Statement of Div	RECLAMATION DISTRICT #2068	Yolo
457	S005234	Inactive	Statement of Div	BRUCE R BURROUGHS	
458	S005235	Inactive	Statement of Div	ALVIN R ORMAN	Contra Costa
459	S006288	Inactive	Statement of Div	SOUZA BROS	
460	S006289	Inactive	Statement of Div	SOUZA BROS	
461	S006290	Inactive	Statement of Div	SOUZA BROS	
462	S006291	Inactive	Statement of Div	SOUZA BROS	
463	S006292	Inactive	Statement of Div	SOUZA BROS	
464	S006293	Inactive	Statement of Div	I NEWTON ROBINSON	San Joaquin
465	S006294	Claimed	Statement of Div	JOSEPH WIDMER JR	San Joaquin
466	S006295	Inactive	Statement of Div	WILLIAM E RALPH	Contra Costa
467	S006306	Claimed	Statement of Div	C&G FARMS	San Joaquin
468	S006308	Inactive	Statement of Div	W R PATTERSON	Alameda
469	S006311	Claimed	Statement of Div	Department of Water Resources	San Joaquin
470	S006312	Inactive	Statement of Div	SPRECKELS SUGAR COMPANY	San Joaquin
471	S006499	Claimed	Statement of Div	SCHMITZ DEVELOPMENT INC	San Joaquin
472	S006506	Claimed	Statement of Div	GRUPE OPERATING COMPANY	San Joaquin
473	S006543	Claimed	Statement of Div	RONALD E BUHLER	Yolo

474	S007681	Claimed	Statement of Div	Leroy Bernardo	San Joaquin
475	S008058	Claimed	Statement of Div	FRANK C ALEGRE SR.	San Joaquin
476	S008104	Claimed	Statement of Div	VICTOR C ANDRESEN	San Joaquin
477	S008159	Claimed	Statement of Div	PACIFIC FRUIT FARMS	Sacramento
478	S008757	Inactive	Statement of Div	DOS REIS IRRIGATION DISTRICT	
479	S008881	Claimed	Statement of Div	ROBINSON FAMILY RANCH #4	San Joaquin
480	S009019	Claimed	Statement of Div	ROBINSON DIVERSIFIED FARMS #1	San Joaquin
481	S009020	Claimed	Statement of Div	ROBINSON DIVERSIFIED FARMS #2	San Joaquin
482	S009021	Claimed	Statement of Div	HEATHER ROBINSON TANAKA	San Joaquin
483	S009022	Claimed	Statement of Div	Jerry Robinson	San Joaquin
484	S009023	Claimed	Statement of Div	Dale L. Drury	San Joaquin
485	S009352	Claimed	Statement of Div	CITY OF ANTIOCH, WATER TREATMENT PLANT	Contra Costa
486	S009596	Claimed	Statement of Div	MARIAN MOHR FRY	Sacramento
487	S012495	Inactive	Statement of Div	DOW ELANCO	Yolo
488	S012858	Claimed	Statement of Div	THE ARCHES LTD	Sacramento
489	S012859	Inactive	Statement of Div	THE ARCHES LTD	
490	S012860	Claimed	Statement of Div	THE ARCHES LTD	Sacramento
491	S012861	Inactive	Statement of Div	THE ARCHES LTD	
492	S013249	Claimed	Statement of Div	HENRY E BENNETT	Yolo
493	S013267	Inactive	Statement of Div	ALHAMBRA PACIFIC JOINT VENTURE	
494	S013268	Inactive	Statement of Div	ALHAMBRA PACIFIC JOINT VENTURE	
495	S013269	Inactive	Statement of Div	LOS RIOS FARMS INC	Yolo
496	S013270	Inactive	Statement of Div	LOS RIOS FARMS INC	Yolo
497	S013271	Inactive	Statement of Div	LOS RIOS FARMS INC	Yolo
498	S013272	Inactive	Statement of Div	LOS RIOS FARMS INC	Yolo
499	S013273	Inactive	Statement of Div	LOS RIOS FARMS INC	Yolo
500	S013275	Inactive	Statement of Div and Use		
501	S013276	Inactive	Statement of Div and Use		
502	S013278	Inactive	Statement of Div and Use		
503	S013320	Claimed	Statement of Div	PETER W STONE	Sacramento
504	S013422	Claimed	Statement of Div	MOSSDALE ASSOCIATES	San Joaquin
505	S013425	Inactive	Statement of Div	KENNETH E MARTIN	
506	S013621	Claimed	Statement of Div	DIAMOND LANDS CORPORATION	San Joaquin
507	S013623	Claimed	Statement of Div	DIAMOND LANDS CORPORATION	San Joaquin
508	S013624	Claimed	Statement of Div	DIAMOND LANDS CORPORATION	San Joaquin
509	S013716	Claimed	Statement of Div	PARKER DEVELOPMENT COMPANY	Sacramento
510	S013717	Claimed	Statement of Div	BORGES RANCH LLC	Sacramento
511	S013769	Inactive	Statement of Div	EDWARD H AZEVEDA REVOCABLE LIVING TRUST	
512	S013812	Claimed	Statement of Div	JOHN BLOOMFIELD	Contra Costa
513	S013934	Claimed	Statement of Div	SAN JOAQUIN RIVER CLUB INC	San Joaquin
				Conrad and Bernice Silva Revocable Trust Dated 2/26/93; Conrad	
514	S013941	Claimed	Statement of Div	Silva exempt marital deduct trust 2/26/93	San Joaquin
515	S013974	Claimed	Statement of Div	XAN DANG-ZHONG	Sacramento
516	S013979	Claimed	Statement of Div	U S BUREAU OF LAND MANAGEMENT	Sacramento
517	S014116	Claimed	Statement of Div	D & R LIVESTOCK	Solano
518	S014118	Inactive	Statement of Div	LIESELOTTE HEINISCH	
519	S014130	Claimed	Statement of Div	ADOBE VALLEY LLC	Contra Costa
520	S014185	Claimed	Statement of Div	U S BUREAU OF LAND MANAGEMENT	Sacramento

521	S014702	Claimed	Statement of Div COTTA PROPERTIES INC	San Joaquin
522	S014703	Claimed	Statement of Div BLOSSOM RANCH, INC.	San Joaquin
523	S014726	Claimed	Statement of Div U S FISH & WILDLIFE SERVICE	Sacramento
524	S014729	Claimed	Statement of Div Lee Snider	Yolo
525	S014994	Claimed	Statement of Div RODNEY WILLIAMS	Yolo
526	S015079	Claimed	Statement of Div MONTEZUMA WETLANDS LLC	Solano
527	S015304	Inactive	Statement of Div CITY OF ANTIOCH, WATER TREATMENT PLANT	
528	S015341	Claimed	Statement of Div SILVERADO PREMIUM PROPERTIES LLC	Yolo
529	S015342	Claimed	Statement of Div SILVERADO PREMIUM PROPERTIES LLC	Yolo
530	S015343	Claimed	Statement of Div SILVERADO PREMIUM PROPERTIES LLC	Yolo
531	S015369	Claimed	Statement of Div SILVERADO PREMIUM PROPERTIES LLC	Yolo
532	S015968	Claimed	Statement of Div MIZUNO FARMS INC	San Joaquin
533	S015969	Claimed	Statement of Div MIZUNO FARMS INC	San Joaquin
534	S015970	Claimed	Statement of Div MIZUNO FARMS INC	San Joaquin
535	S015972	Claimed	Statement of Div CITY OF MANTECA	San Joaquin
536	S015973	Claimed	Statement of Div CITY OF MANTECA	San Joaquin
537	S016191	Claimed	Statement of Div GALLO VINEYARDS INC (William Hill Winery)	San Joaquin
538	S016192	Claimed	Statement of Div Eni Menconi Trust	San Joaquin
539	S016193	Claimed	Statement of Div Loren & Delores Ohm Revocable Trust	San Joaquin
540	S016194	Claimed	Statement of Div Juan Navarro	San Joaquin
541	S016195	Claimed	Statement of Div George H Speckman	San Joaquin
542	S016196	Claimed	Statement of Div Rudy M. Mussi Investment L.P.	San Joaquin
543	S016197	Claimed	Statement of Div Rudy M. Mussi Investment L.P.	San Joaquin
544	S016198	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
545	S016199	Claimed	Statement of Div EDDIE VIERRA FARMS LLC	San Joaquin
546	S016200	Claimed	Statement of Div EDDIE VIERRA FARMS LLC	San Joaquin
547	S016201	Claimed	Statement of Div EDDIE VIERRA FARMS LLC	San Joaquin
548	S016202	Claimed	Statement of Div Paul Abbate	San Joaquin
549	S016203	Claimed	Statement of Div Inga Dement-Machado	San Joaquin
550	S016204	Claimed	Statement of Div Inga Dement-Machado	San Joaquin
551	S016206	Claimed	Statement of Div NSHE CA NETS LLC	San Joaquin
552	S016209	Claimed	Statement of Div Judith Balcao	San Joaquin
553	S016210	Claimed	Statement of Div Phillip G. Balmat	San Joaquin
554	S016211	Claimed	Statement of Div John Edward Braas	San Joaquin
555	S016212	Claimed	Statement of Div John Edward Braas	San Joaquin
556	S016213	Claimed	Statement of Div CERRI & SON	San Joaquin
557	S016214	Claimed	Statement of Div Robert J Costa Farms LLC	San Joaquin
558	S016215	Claimed	Statement of Div Dale L. Drury	San Joaquin
559	S016216	Claimed	Statement of Div Matthew Foster	San Joaquin
560	S016217	Claimed	Statement of Div Tony M Garcia	San Joaquin
561	S016218	Claimed	Statement of Div Michael Gikas	San Joaquin
562	S016219	Claimed	Statement of Div Grunauer Community Property Trust et al	San Joaquin
563	S016220	Claimed	Statement of Div Tim T Grunsky	San Joaquin
564	S016221	Claimed	Statement of Div Tim T Grunsky	San Joaquin
565	S016224	Claimed	Statement of Div Linda Beers Heisig	San Joaquin
566	S016225	Claimed	Statement of Div ROBERT C HOLDENER	San Joaquin
567	S016226	Claimed	Statement of Div ROBERT C HOLDENER	San Joaquin
568	S016227	Claimed	Statement of Div JAL FARMS INC	San Joaquin

569	S016229	Claimed	Statement of Div Antonio I Martin	San Joaquin
570	S016230	Claimed	Statement of Div Terceira Properties LLC	San Joaquin
571	S016231	Inactive	Statement of Div Inga Dement-Machado	San Joaquin
572	S016232	Claimed	Statement of Div Vincent Muela	San Joaquin
573	S016233	Claimed	Statement of Div A Rossi Inc	San Joaquin
574	S016235	Claimed	Statement of Div Abbate Farms	San Joaquin
575	S016237	Claimed	Statement of Div Linda A Lehman-Kitzmiller	San Joaquin
576	S016238	Claimed	Statement of Div Jack Larkin	San Joaquin
577	S016239	Claimed	Statement of Div Jim Larkin	San Joaquin
578	S016240	Claimed	Statement of Div LIP DR LLC	San Joaquin
579	S016242	Claimed	Statement of Div BEROLDO FARMS	San Joaquin
580	S016243	Claimed	Statement of Div BEROLDO FARMS	San Joaquin
581	S016244	Claimed	Statement of Div Lynn A Miller	San Joaquin
582	S016246	Claimed	Statement of Div Melvin Muela	San Joaquin
583	S016247	Claimed	Statement of Div Marvin and Jeanette Muela et/al	San Joaquin
584	S016248	Claimed	Statement of Div Phoebe Neugebauer	San Joaquin
585	S016249	Claimed	Statement of Div Sharon R Votaw	San Joaquin
586	S016250	Claimed	Statement of Div Sharon R Votaw	San Joaquin
587	S016253	Claimed	Statement of Div DANTE JOHN NOMELLINI SR	San Joaquin
588	S016254	Claimed	Statement of Div Olivera Family LTD PTP	San Joaquin
589	S016256	Claimed	Statement of Div FREDRICK DAMELE	San Joaquin
590	S016257	Claimed	Statement of Div RIEN AND LIESKE DOORNENBAL TRUST	San Joaquin
591	S016258	Claimed	Statement of Div JOSEPH P RATTO	San Joaquin
592	S016259	Claimed	Statement of Div RC Farms Inc	San Joaquin
593	S016260	Claimed	Statement of Div Reclamation District #684	San Joaquin
594	S016261	Claimed	Statement of Div Donald F Rodgers	San Joaquin
595	S016262	Claimed	Statement of Div Victor Rosasco	San Joaquin
596	S016263	Claimed	Statement of Div THOMAS J SARALE	San Joaquin
597	S016264	Claimed	Statement of Div THOMAS J SARALE	San Joaquin
598	S016265	Claimed	Statement of Div GLENN W SAUNDERS	San Joaquin
599	S016266	Claimed	Statement of Div Marlin Scott	San Joaquin
600	S016268	Claimed	Statement of Div Schmidt Family Properties LLC	San Joaquin
601	S016269	Claimed	Statement of Div Michael Stefani	San Joaquin
602	S016270	Claimed	Statement of Div Rita Stefani	San Joaquin
603	S016272	Claimed	Statement of Div Steven C Tremain	San Joaquin
604	S016273	Claimed	Statement of Div Tiki Lagun LLC	San Joaquin
605	S016278	Claimed	Statement of Div Jacquelyn J Cordes	San Joaquin
606	S016279	Claimed	Statement of Div Thorsen Family Trust	San Joaquin
607	S016283	Claimed	Statement of Div Trump Card Inc	San Joaquin
608	S016286	Claimed	Statement of Div Stockton Port District	San Joaquin
609	S016287	Claimed	Statement of Div Stockton Port District	San Joaquin
610	S016288	Claimed	Statement of Div Stockton Port District	San Joaquin
611	S016289	Claimed	Statement of Div Stockton Port District	San Joaquin
612	S016290	Claimed	Statement of Div Stockton Port District	San Joaquin
613	S016294	Claimed	Statement of Div COLEMAN FOLEY	San Joaquin
614	S016295	Claimed	Statement of Div Coleman Foley Inc	San Joaquin
615	S016296	Claimed	Statement of Div MAIN STONE CORP INC	San Joaquin
616	S016297	Claimed	Statement of Div AUGUSTA BIXLER FARMS	San Joaquin

617	S016298	Claimed	Statement of Div AUGUSTA BIXLER FARMS	San Joaquin
618	S016299	Claimed	Statement of Div Marcia L Salmon	San Joaquin
619	S016300	Claimed	Statement of Div DANIEL F ROZA JR	San Joaquin
620	S016301	Claimed	Statement of Div DANIEL F ROZA JR	San Joaquin
621	S016302	Claimed	Statement of Div DANIEL F ROZA JR	San Joaquin
622	S016333	Claimed	Statement of Div Glide In Ranch	Yolo
623	S016334	Claimed	Statement of Div Glide In Ranch	Yolo
624	S016379	Claimed	Statement of Div GRAHAM D CONNOR	Yolo
625	S016380	Claimed	Statement of Div GRAHAM D CONNOR	Yolo
626	S016381	Claimed	Statement of Div GRAHAM D CONNOR	Yolo
627	S016382	Claimed	Statement of Div THEODORE WITT	San Joaquin
628	S016383	Claimed	Statement of Div UNION ISLAND MUTUAL WATER CO, INC	San Joaquin
629	S016384	Claimed	Statement of Div UNION ISLAND MUTUAL WATER CO, INC	San Joaquin
630	S016385	Claimed	Statement of Div Herbert A. and Joyce M. Speckman	San Joaquin
631	S016386	Claimed	Statement of Div Herbert A. and Joyce M. Speckman	San Joaquin
632	S016387	Claimed	Statement of Div Herbert A. and Joyce M. Speckman	San Joaquin
633	S016388	Claimed	Statement of Div Barbara J Ohm	San Joaquin
634	S016389	Claimed	Statement of Div Daniel S Rodgers	San Joaquin
635	S016391	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
636	S016392	Claimed	Statement of Div Cecil Rodgers	San Joaquin
637	S016405	Claimed	Statement of Div JACK KLEIN TRUST PARTNERSHIP	San Joaquin
638	S016410	Claimed	Statement of Div JACK KLEIN TRUST PARTNERSHIP	San Joaquin
639	S016411	Claimed	Statement of Div JACK KLEIN TRUST PARTNERSHIP	San Joaquin
640	S016412	Claimed	Statement of Div Peter G & Vada R Ohm Family LP	San Joaquin
641	S016414	Claimed	Statement of Div EDDIE VIERRA FARMS LLC	San Joaquin
642	S016415	Claimed	Statement of Div LORY C MUSSI INVEST LP	San Joaquin
643	S016416	Claimed	Statement of Div L AND R MUSSI FARMS	San Joaquin
644	S016417	Claimed	Statement of Div L AND R MUSSI FARMS	San Joaquin
645	S016418	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
646	S016419	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
647	S016420	Claimed	Statement of Div Renzo Menconi	San Joaquin
648	S016421	Claimed	Statement of Div Stockton Port Property LLC	San Joaquin
649	S016422	Claimed	Statement of Div Steve Kaiser	San Joaquin
650	S016423	Claimed	Statement of Div Samuel Giovannoni Testamentary Trust	San Joaquin
651	S016424	Claimed	Statement of Div LARRY PELLEGRINI, TRUSTEE	San Joaquin
652	S016425	Claimed	Statement of Div Robert L Ripken	San Joaquin
653	S016426	Claimed	Statement of Div Robert L Ripken	San Joaquin
654	S016427	Claimed	Statement of Div Robert L Ripken	San Joaquin
655	S016428	Claimed	Statement of Div Kurt Sharp	San Joaquin
656	S016429	Claimed	Statement of Div Gregory Torlai	San Joaquin
657	S016430	Claimed	Statement of Div Union Properties Inc	San Joaquin
658	S016431	Claimed	Statement of Div Union Properties Inc	San Joaquin
659	S016432	Claimed	Statement of Div Union Properties Inc	San Joaquin
660	S016433	Claimed	Statement of Div Union Properties Inc	San Joaquin
661	S016434	Claimed	Statement of Div ROBERT K FERGUSON	San Joaquin
662	S016435	Claimed	Statement of Div ROBERT K FERGUSON	San Joaquin
663	S016436	Claimed	Statement of Div Gina Del Carlo	San Joaquin
664	S016437	Claimed	Statement of Div Dino Del Carlo	San Joaquin

665	S016438	Claimed	Statement of Div MARY R PERRY	San Joaquin
666	S016439	Claimed	Statement of Div Harragan Family Trust	San Joaquin
667	S016440	Inactive	Statement of Div Diane Young	
668	S016441	Inactive	Statement of Div Diane Young	
669	S016442	Inactive	Statement of Div Diane Young	
670	S016443	Inactive	Statement of Div Ronald Del Carlo	
671	S016444	Inactive	Statement of Div Ronald Del Carlo	
672	S016445	Inactive	Statement of Div Ronald Del Carlo	
673	S016446	Claimed	Statement of Div Larry F D'Alonzo	San Joaquin
674	S016447	Claimed	Statement of Div Union Properties Inc	San Joaquin
675	S016448	Claimed	Statement of Div L & J Del Soldato Living Trust	San Joaquin
676	S016449	Claimed	Statement of Div Gurdip Singh	San Joaquin
677	S016450	Inactive	Statement of Div Ashiana Antonioli	
678	S016451	Claimed	Statement of Div Peter G & Vada R Ohm Family LP	San Joaquin
679	S016452	Claimed	Statement of Div GEORGE N VIERRA	San Joaquin
680	S016453	Claimed	Statement of Div GEORGE N VIERRA	San Joaquin
681	S016456	Claimed	Statement of Div Cecil Rodgers	San Joaquin
682	S016457	Claimed	Statement of Div Anthony W Delucchi	San Joaquin
683	S016459	Claimed	Statement of Div Berniece L Silva	San Joaquin
684	S016460	Claimed	Statement of Div Berniece L Silva	San Joaquin
685	S016462	Claimed	Statement of Div Vicky M Pierini	San Joaquin
686	S016463	Claimed	Statement of Div Pat Nigro	San Joaquin
687	S016464	Claimed	Statement of Div Coney Island Farms Inc	San Joaquin
688	S016465	Claimed	Statement of Div John R Sanguinetti	San Joaquin
689	S016466	Claimed	Statement of Div John Armanino	San Joaquin
690	S016467	Claimed	Statement of Div Frederick J. and Bernard F. Damele	San Joaquin
691	S016468	Claimed	Statement of Div Frederick J. and Bernard F. Damele	San Joaquin
692	S016470	Claimed	Statement of Div CERRI & SON	San Joaquin
693	S016471	Claimed	Statement of Div GLENN C BURGIN	San Joaquin
694	S016472	Inactive	Statement of Div Warren P Schmidt	
695	S016473	Claimed	Statement of Div Manuel Borba Jr	San Joaquin
696	S016475	Claimed	Statement of Div AM Farms	San Joaquin
697	S016476	Claimed	Statement of Div AM Farms	San Joaquin
698	S016477	Claimed	Statement of Div AM Farms	San Joaquin
699	S016478	Claimed	Statement of Div AM Farms	San Joaquin
700	S016479	Claimed	Statement of Div BRUNO MARCHINI	San Joaquin
701	S016480	Claimed	Statement of Div BRUNO MARCHINI	San Joaquin
702	S016481	Claimed	Statement of Div MARCHINI LAND COMPANY PTP	San Joaquin
703	S016482	Claimed	Statement of Div MARCHINI LAND COMPANY PTP	San Joaquin
704	S016483	Claimed	Statement of Div MARCHINI LAND COMPANY PTP	San Joaquin
705	S016484	Claimed	Statement of Div MARCHINI LAND COMPANY PTP	San Joaquin
706	S016485	Claimed	Statement of Div MARCHINI LAND COMPANY PTP	San Joaquin
707	S016486	Claimed	Statement of Div MARCHINI LAND COMPANY PTP	San Joaquin
708	S016487	Claimed	Statement of Div Marie Bacchetti	San Joaquin
709	S016488	Claimed	Statement of Div Marie Bacchetti	San Joaquin
710	S016489	Claimed	Statement of Div Dianne Simoni	San Joaquin
711	S016490	Claimed	Statement of Div Paul Marchini	San Joaquin
712	S016491	Claimed	Statement of Div Marc Marchini	San Joaquin

713	S016492	Claimed	Statement of Div Bettencourt Farming LLC	San Joaquin
714	S016495	Claimed	Statement of Div John Cronin	Solano
715	S016526	Claimed	Statement of Div Edward McDowell	Sacramento
716	S016527	Claimed	Statement of Div Edward McDowell	Sacramento
717	S016528	Claimed	Statement of Div L & J Del Soldato Living Trust	San Joaquin
718	S016530	Claimed	Statement of Div EVERETT LUIZ & SONS DAIRY	San Joaquin
719	S016531	Claimed	Statement of Div STEVEN T HORI	Sacramento
720	S016540	Claimed	Statement of Div LINDA C ELLIOTT	Yolo
721	S016541	Claimed	Statement of Div WILLIAMS RANCH JOINT TENANTS	Yolo
722	S016542	Claimed	Statement of Div WILLIAMS RANCH JOINT TENANTS	Yolo
723	S016543	Claimed	Statement of Div WILLIAMS RANCH JOINT TENANTS	Yolo
724	S016544	Claimed	Statement of Div LINDA C ELLIOTT	Yolo
725	S016545	Claimed	Statement of Div LINDA C ELLIOTT	Yolo
726	S016546	Claimed	Statement of Div MARTINELLI BROS	Yolo
727	S016548	Claimed	Statement of Div MARTINELLI BROS	Yolo
728	S016549	Claimed	Statement of Div HAMILTON HECHTMAN JOINT VENTURE	Solano
729	S016550	Claimed	Statement of Div MARK G SCRIBNER	Sacramento
730	S016551	Claimed	Statement of Div MARK G SCRIBNER	Sacramento
731	S016552	Claimed	Statement of Div MARK G SCRIBNER	Sacramento
732	S016557	Claimed	Statement of Div AUGUSTO-WILSON	Solano
733	S016558	Claimed	Statement of Div EDWARD GIOVANNONI	Sacramento
734	S016559	Claimed	Statement of Div LOUIS T GIOVANNONI	San Joaquin
735	S016570	Claimed	Statement of Div KAE FARMS LLC	San Joaquin
736	S016571	Claimed	Statement of Div KAE FARMS LLC	San Joaquin
737	S016572	Claimed	Statement of Div STATE OF CA, DEPT. OF WATER RESOURCES	Sacramento
738	S016573	Claimed	Statement of Div STATE OF CA, DEPT. OF WATER RESOURCES	San Joaquin
739	S016574	Claimed	Statement of Div STATE OF CA, DEPT. OF WATER RESOURCES	Sacramento
740	S016582	Claimed	Statement of Div ROBERT M ACOSTA	San Joaquin
741	S016585	Claimed	Statement of Div ANTONE MYRON CABRAL	Sacramento
742	S016598	Claimed	Statement of Div LORNA KELSO	Yolo
743	S016602	Inactive	Statement of Div DON KENNY	
744	S016603	Claimed	Statement of Div ROBERT CECCHINI, INC	Contra Costa
745	S016604	Claimed	Statement of Div ROBERT CECCHINI, INC	Contra Costa
746	S016605	Claimed	Statement of Div ROBERT CECCHINI, INC	Contra Costa
747	S016606	Claimed	Statement of Div ROBERT CECCHINI, INC	Contra Costa
748	S016607	Claimed	Statement of Div ROBERT CECCHINI, INC	Contra Costa
749	S016608	Claimed	Statement of Div ROBERT CECCHINI, INC	Contra Costa
750	S016609	Claimed	Statement of Div ROBERT CECCHINI, INC	Contra Costa
751	S016610	Claimed	Statement of Div ROBERT CECCHINI, INC	Contra Costa
752	S016611	Claimed	Statement of Div ROBERT CECCHINI, INC	Contra Costa
753	S016612	Claimed	Statement of Div ROBERT CECCHINI, INC	Contra Costa
754	S016613	Claimed	Statement of Div ROBERT CECCHINI, INC	Contra Costa
755	S016629	Claimed	Statement of Div Fox Lee Trust	Sacramento
756	S016630	Claimed	Statement of Div Fox Lee Trust	Sacramento
757	S016639	Claimed	Statement of Div Joanne Del Carlo	San Joaquin
758	S016643	Claimed	Statement of Div Juan J Navarro	San Joaquin
759	S016651	Claimed	Statement of Div Sarale Farms Inc	San Joaquin
760	S016652	Claimed	Statement of Div Sarale Farms Inc	San Joaquin

761	S016653	Claimed	Statement of Div Sarale Farms Inc	San Joaquin
762	S016654	Claimed	Statement of Div Sarale Farms Inc	San Joaquin
763	S016655	Claimed	Statement of Div Sarale Farms Inc	San Joaquin
764	S016656	Claimed	Statement of Div Sarale Farms Inc	San Joaquin
765	S016657	Claimed	Statement of Div Sarale Farms Inc	San Joaquin
766	S016658	Claimed	Statement of Div Sarale Farms Inc	San Joaquin
767	S016659	Claimed	Statement of Div Virginia B Martins	San Joaquin
768	S016660	Claimed	Statement of Div Virginia B Martins	San Joaquin
769	S016661	Claimed	Statement of Div Virginia B Martins	San Joaquin
770	S016662	Claimed	Statement of Div Alfred Patane	San Joaquin
771	S016663	Claimed	Statement of Div Alfred Patane	San Joaquin
772	S016664	Claimed	Statement of Div Henry P Van Exel	San Joaquin
773	S016666	Claimed	Statement of Div Yukio Tabata	Yolo
774	S016668	Claimed	Statement of Div JOHN R WEBBER	Yolo
775	S016669	Claimed	Statement of Div WEBBER FARMS	Yolo
776	S016673	Claimed	Statement of Div Kevin Mikaelian	San Joaquin
777	S016674	Claimed	Statement of Div Ronald Robinson	San Joaquin
778	S016702	Claimed	Statement of Div J.H. Jonson & Sons Inc.	Sacramento
779	S016703	Claimed	Statement of Div J.H. Jonson & Sons Inc.	Sacramento
780	S016704	Claimed	Statement of Div J.H. Jonson & Sons Inc.	Sacramento
781	S016735	Claimed	Statement of Div The Jonathan and Mark Ambrose Generation Skipping Trust	Sacramento
782	S016741	Claimed	Statement of Div John R. Coelho	Solano
783	S016742	Claimed	Statement of Div Phillip G. Balmat	San Joaquin
784	S016747	Claimed	Statement of Div Luippold Est Properties	Solano
785	S016748	Claimed	Statement of Div Luippold Est Properties	Solano
786	S016749	Claimed	Statement of Div Bettencourt Family Trust	Sacramento
787	S016750	Claimed	Statement of Div Bettencourt Family Trust	Sacramento
788	S016772	Claimed	Statement of Div Hanson Family Revocable Trust	Sacramento
789	S016791	Claimed	Statement of Div RICHARD L COMSTOCK BYPASS TRUST	Sacramento
790	S016795	Claimed	Statement of Div Fahn Brothers Properties LLC	Solano
791	S016796	Claimed	Statement of Div Fahn Brothers Properties LLC	Solano
792	S016797	Claimed	Statement of Div Legacy Family Farms	Sacramento
793	S016798	Claimed	Statement of Div Bradley Haislet	Yolo
794	S016799	Claimed	Statement of Div Jeffrey A. Hart	Sacramento
795	S016800	Claimed	LAWRENCE SCHNEIDER AND RUTH SCHNEIDER FAMILY REV TRUST	Yolo
796	S016816	Claimed	Statement of Div Vino Farms LLC (Vaske Ranch #19)	Yolo
797	S016823	Claimed	Statement of Div Dominic Confetti	Solano
798	S016824	Claimed	Statement of Div Dominic Confetti	Solano
799	S016831	Claimed	Statement of Div Kieran Maybury	San Joaquin
800	S016832	Claimed	Statement of Div Rodney Frey	San Joaquin
801	S016833	Claimed	Statement of Div Douglas D. Allen	Sacramento
802	S016848	Claimed	Statement of Div Thomas E. Baldocchi Jr.	Contra Costa
803	S016852	Claimed	Statement of Div Philip F Fleisig & D L Fleisig Trust	San Joaquin
804	S016854	Claimed	Statement of Div William G. Funkhouser	San Joaquin
805	S016902	Claimed	Statement of Div COLLINS RANCH	Sacramento
806	S016903	Claimed	Statement of Div COLLINS RANCH	Sacramento
807	S016904	Claimed	Statement of Div Terry Cox	Yolo

808	S016905	Claimed	Statement of Div	Dale L. Drury	San Joaquin
809	S016906	Claimed	Statement of Div	Honker Lake Ranch	San Joaquin
810	S016908	Claimed	Statement of Div	Deadhorse LP	Yolo
811	S016909	Claimed	Statement of Div	FRY FAMILY TRUST OF 1999	San Joaquin
812	S016910	Claimed	Statement of Div	FRY FAMILY TRUST OF 1999	Sacramento
813	S016914	Claimed	Statement of Div	COLLINS RANCH	Sacramento
814	S016915	Claimed	Statement of Div	Elliot Family Revocable Trust	Sacramento
815	S016917	Claimed	Statement of Div	COLLINS RANCH	Sacramento
816	S016918	Claimed	Statement of Div	Joy & Robert Augusto Trust	Solano
817	S016919	Claimed	Statement of Div	Joy & Robert Augusto Trust	Solano
818	S016920	Claimed	Statement of Div	Edward L Krohn	San Joaquin
819	S016928	Claimed	Statement of Div	Marilyn Marty	San Joaquin
820	S016937	Claimed	Statement of Div	EVERETT LUIZ & SONS DAIRY	San Joaquin
821	S016946	Claimed	Statement of Div	Evelyn Jane Silva Trust	Sacramento
822	S016952	Claimed	Statement of Div	ROBERT C FOWLER	Sacramento
823	S016956	Claimed	Statement of Div	Frank Olagaray	San Joaquin
824	S016958	Claimed	Statement of Div	Albert J. Fonts	Yolo
825	S016960	Claimed	Statement of Div	Sally Shanks	Sacramento
826	S016966	Claimed	Statement of Div	James Andrew Johas	Yolo
827	S016971	Claimed	Statement of Div	Paul Smith	Sacramento
828	S016975	Claimed	Statement of Div	SAS Farms	San Joaquin
829	S016980	Claimed	Statement of Div	Patrick Bradley	Sacramento
830	S016986	Claimed	Statement of Div	Trinity Capital Development LLC	San Joaquin
831	S016990	Claimed	Statement of Div	Trinity Capital Development LLC	San Joaquin
832	S016992	Claimed	Statement of Div	ARTHUR T SPINELLA	Sacramento
833	S016993	Claimed	Statement of Div	Frankie Spinella	Yolo
834	S016995	Claimed	Statement of Div	Jesus G Dominguez	Yolo
835	S016996	Claimed	Statement of Div	Jesus G Dominguez	Yolo
836	S017005	Claimed	Statement of Div	Dave Spensley	Sacramento
837	S017014	Claimed	Statement of Div	Fildin Development Company	San Joaquin
838	S017016	Claimed	Statement of Div	Fildin Development Company	San Joaquin
839	S017017	Claimed	Statement of Div	Fildin Development Company	San Joaquin
840	S017024	Claimed	Statement of Div	Fildin Development Company	San Joaquin
841	S017025	Claimed	Statement of Div	Fildin Development Company	San Joaquin
842	S017026	Claimed	Statement of Div	Fildin Development Company	San Joaquin
843	S017027	Claimed	Statement of Div	Fildin Development Company	San Joaquin
844	S017028	Claimed	Statement of Div	Fildin Development Company	San Joaquin
845	S017029	Claimed	Statement of Div	Fildin Development Company	San Joaquin
846	S017030	Claimed	Statement of Div	Fildin Development Company	San Joaquin
847	S017031	Claimed	Statement of Div	Fildin Development Company	San Joaquin
848	S017032	Claimed	Statement of Div	Trinity Capital Development LLC	San Joaquin
849	S017042	Claimed	Statement of Div	Michael Dutra	Yolo
850	S017043	Claimed	Statement of Div	Anthony Dutra	Yolo
851	S017045	Claimed	Statement of Div	AG Spanos Trustee of the Alex & Faye Spanos Family Trust UA	San Joaquin
852	S017046	Claimed	Statement of Div	AG Spanos Trustee of the Alex & Faye Spanos Family Trust UA	San Joaquin
853	S017048	Claimed	Statement of Div	AG Spanos Trustee of the Alex & Faye Spanos Family Trust UA	San Joaquin
854	S017051	Claimed	Statement of Div	AG Spanos Trustee of the Alex & Faye Spanos Family Trust UA	San Joaquin
855	S017054	Claimed	Statement of Div	AG Spanos Trustee of the Alex & Faye Spanos Family Trust UA	San Joaquin

856	S017057	Claimed	Statement of Div Venice Island, Inc	San Joaquin
857	S017058	Claimed	Statement of Div Spanos Family Partnership	San Joaquin
858	S017059	Claimed	Statement of Div Islands, Inc.	Solano
859	S017060	Claimed	Statement of Div Venice Island, Inc	San Joaquin
860	S017061	Claimed	Statement of Div Spanos Family Partnership	San Joaquin
861	S017062	Claimed	Statement of Div N.R., B.P., D.C. Hamilton	Solano
862	S017063	Claimed	Statement of Div Venice Island, Inc	San Joaquin
863	S017064	Claimed	Statement of Div Spanos Family Partnership	San Joaquin
864	S017065	Claimed	Statement of Div Walker Family Revocable Trust Dated November 17, 2003	Yolo
865	S017066	Claimed	Statement of Div Venice Island, Inc	San Joaquin
866	S017067	Claimed	Statement of Div Spanos Family Partnership	San Joaquin
867	S017069	Claimed	Statement of Div Spanos Family Partnership	San Joaquin
868	S017070	Claimed	Statement of Div Venice Island, Inc	San Joaquin
869	S017072	Claimed	Statement of Div Spanos Family Partnership	San Joaquin
870	S017073	Claimed	Statement of Div Venice Island, Inc	San Joaquin
871	S017075	Claimed	Statement of Div Spanos Family Partnership	San Joaquin
872	S017076	Claimed	Statement of Div Venice Island, Inc	San Joaquin
873	S017078	Claimed	Statement of Div Spanos Family Partnership	San Joaquin
874	S017079	Claimed	Statement of Div ROBERT R KIRTLAN	Yolo
875	S017081	Claimed	Statement of Div Venice Island, Inc	San Joaquin
876	S017082	Claimed	Statement of Div HAMILTON HECHTMAN JOINT VENTURE	Solano
877	S017084	Claimed	Statement of Div Venice Island, Inc	San Joaquin
878	S017087	Claimed	Statement of Div Venice Island, Inc	San Joaquin
879	S017089	Claimed	Statement of Div ROBERT R KIRTLAN	Yolo
880	S017090	Claimed	Statement of Div Earl M. Van Bebber	San Joaquin
881	S017093	Claimed	Statement of Div DBE - Elliot Family Co., LLC	Sacramento
882	S017094	Claimed	Statement of Div Craig Nakahara	Solano
883	S017095	Claimed	Statement of Div THE LLOYD L PHELPS JR & PATSY R PHELPS TRUST	San Joaquin
884	S017096	Claimed	Statement of Div Elliot Delta Orchards, LLC	Sacramento
885	S017097	Claimed	Statement of Div Roland Guy	Sacramento
886	S017098	Claimed	Statement of Div THE LLOYD L PHELPS JR & PATSY R PHELPS TRUST	San Joaquin
887	S017108	Claimed	Statement of Div USS-POSCO INDUSTRIES	Contra Costa
888	S017110	Claimed	Statement of Div William Gary King	Yolo
889	S017116	Claimed	Statement of Div Guido Bettinzoli	San Joaquin
890	S017122	Claimed	Statement of Div J H Patterson	Solano
891	S017128	Claimed	Statement of Div Taka Ishizuka Trust	San Joaquin
892	S017130	Claimed	Statement of Div Charlotte G Gilmore	Solano
893	S017140	Claimed	Statement of Div Riverside Gun Club	Solano
894	S017142	Claimed	Statement of Div Joseph Schlesinger	Yolo
895	S017148	Claimed	Statement of Div Manuel Costa	San Joaquin
896	S017158	Claimed	Statement of Div Hildebrand Farm	San Joaquin
897	S017159	Claimed	Statement of Div MIZUNO PROPERTIES INC	San Joaquin
898	S017161	Claimed	Statement of Div DONALD E MORETTI TRUST	San Joaquin
899	S017162	Claimed	Statement of Div MIZUNO PROPERTIES INC	San Joaquin
900	S017165	Claimed	Statement of Div MIZUNO PROPERTIES INC	San Joaquin
901	S017166	Claimed	Statement of Div Michael A. Craig	Contra Costa
902	S017169	Claimed	Statement of Div A.J.J. & M. Marks	Sacramento
903	S017171	Claimed	Statement of Div Joseph Machado	San Joaquin

904	S017174	Claimed	Statement of Div DGBRMB Family LP	San Joaquin
905	S017175	Claimed	Statement of Div Patrick Bradley	Sacramento
906	S017177	Claimed	Statement of Div Olagaray Brothers	San Joaquin
907	S017179	Claimed	Statement of Div J & J Farms, Inc.	San Joaquin
908	S017182	Claimed	Statement of Div MIZUNO FARMS INC	San Joaquin
909	S017186	Claimed	Statement of Div Olagaray Brothers	San Joaquin
910	S017188	Claimed	Statement of Div Stanley Mortensen	San Joaquin
911	S017189	Claimed	Statement of Div Aufdermaur LLC	San Joaquin
912	S017190	Claimed	Statement of Div Randall Ranch Greene & Hemly Inc.	Sacramento
913	S017191	Claimed	Statement of Div Randall Ranch Greene & Hemly Inc.	Sacramento
914	S017193	Claimed	Statement of Div Wheeler Ranch Greene and Hemly, Inc	Sacramento
915	S017197	Claimed	Statement of Div WR Cave Ranch	Sacramento
916	S017199	Claimed	Statement of Div J.L. Aldrich Ranch	Sacramento
917	S017201	Claimed	Statement of Div Henry E Muller & Diana Muller Revocable Trust	San Joaquin
918	S017202	Claimed	Statement of Div BOGLE VINEYARDS, INC	Yolo
919	S017204	Claimed	Statement of Div Rivermaid Land Company	Sacramento
920	S017205	Claimed	Statement of Div Patty J. Bogle Rev Trust	Sacramento
921	S017206	Claimed	Statement of Div Bill Borges	San Joaquin
922	S017207	Claimed	Statement of Div Rivermaid Land Company	Sacramento
923	S017208	Claimed	Statement of Div Mary A. Peters Estate Partnership	Yolo
924	S017209	Claimed	Statement of Div Richard Dutra	San Joaquin
925	S017210	Claimed	Statement of Div Rivermaid Land Company	Sacramento
926	S017211	Claimed	Statement of Div WARREN BOGLE	Yolo
927	S017212	Claimed	Statement of Div Richard Dutra	San Joaquin
928	S017213	Claimed	Statement of Div Rivermaid Land Company	Sacramento
929	S017214	Claimed	Statement of Div WARREN BOGLE	Yolo
930	S017215	Claimed	Statement of Div Grunauer Community Property Trust et al	San Joaquin
931	S017216	Claimed	Statement of Div JOE SANCHEZ FARMS INC	Sacramento
932	S017218	Claimed	Statement of Div Bert Bacchetti Farms	San Joaquin
933	S017219	Claimed	Statement of Div Dead Horse LP	Sacramento
934	S017220	Claimed	Statement of Div Edgar D. Turner III	Sacramento
935	S017221	Claimed	Statement of Div Merritt Island Orchard	Yolo
936	S017222	Claimed	Statement of Div Rivermaid Land Company	Sacramento
937	S017223	Claimed	Statement of Div Dead Horse LP	Yolo
938	S017224	Claimed	Statement of Div Dead Horse LP	Yolo
939	S017225	Claimed	Statement of Div Rivermaid Land Company	Sacramento
940	S017226	Claimed	Statement of Div Rivermaid Land Company	Sacramento
941	S017228	Claimed	Statement of Div Rivermaid Land Company	Sacramento
942	S017229	Claimed	Statement of Div Naglee Burk Irrigation District	San Joaquin
943	S017230	Claimed	Statement of Div Point Ranch Partners LLC	Sacramento
944	S017231	Claimed	Statement of Div Vernon L Scott	San Joaquin
945	S017232	Claimed	Statement of Div Naglee Burk Irrigation District	San Joaquin
946	S017233	Claimed	Statement of Div Point Ranch Partners LLC	Sacramento
947	S017234	Claimed	Statement of Div Vernon L Scott	San Joaquin
948	S017235	Claimed	Statement of Div Naglee Burk Irrigation District	San Joaquin
949	S017238	Claimed	Statement of Div Naglee Burk Irrigation District	San Joaquin
950	S017239	Claimed	Statement of Div Wilson Land Limited	Sacramento
951	S017240	Claimed	Statement of Div Vernon L Scott	San Joaquin

952	S017241	Claimed	Statement of Div	Naglee Burk Irrigation District	San Joaquin
953	S017242	Claimed	Statement of Div	Wilson Land Limited	Sacramento
954	S017243	Claimed	Statement of Div	Vernon L Scott	San Joaquin
955	S017244	Claimed	Statement of Div	Naglee Burk Irrigation District	San Joaquin
956	S017245	Claimed	Statement of Div	Dead Horse LP	Sacramento
957	S017246	Claimed	Statement of Div	Vernon L Scott	San Joaquin
958	S017247	Claimed	Statement of Div	Louis & Betty Galli Trust	San Joaquin
959	S017248	Claimed	Statement of Div	Dead Horse LP	Sacramento
960	S017249	Claimed	Statement of Div	Vernon L Scott	San Joaquin
961	S017250	Claimed	Statement of Div	Louis & Betty Galli Trust	San Joaquin
962	S017251	Claimed	Statement of Div	Point Ranch Partners LLC	Sacramento
963	S017252	Claimed	Statement of Div	Vernon L Scott	San Joaquin
964	S017253	Claimed	Statement of Div	Louis & Betty Galli Trust	San Joaquin
965	S017255	Claimed	Statement of Div	Chuck & Joy Trust	Sacramento
966	S017256	Claimed	Statement of Div	SHOYA SAKAZAKI	Yolo
967	S017258	Claimed	Statement of Div	Robert Arceo	Sacramento
968	S017259	Claimed	Statement of Div	THEODORE WITT	San Joaquin
969	S017261	Claimed	Statement of Div	Robert Arceo	Sacramento
970	S017262	Claimed	Statement of Div	THEODORE WITT	San Joaquin
971	S017263	Claimed	Statement of Div	Marie C. Peters Trust	San Joaquin
972	S017264	Claimed	Statement of Div	Joseph T Sanchez	Sacramento
973	S017266	Claimed	Statement of Div	ALEXANDER HILDEBRAND	San Joaquin
974	S017267	Claimed	Statement of Div	Marie J Dias	San Joaquin
975	S017270	Claimed	Statement of Div	Pimentel Trust	San Joaquin
976	S017273	Claimed	Statement of Div	Robert D Calcagno	San Joaquin
977	S017276	Claimed	Statement of Div	Robert D Calcagno	San Joaquin
978	S017279	Claimed	Statement of Div	Robert D Calcagno	San Joaquin
979	S017282	Claimed	Statement of Div	Robert D Calcagno	San Joaquin
980	S017284	Claimed	Statement of Div	Holdener Ranches	San Joaquin
981	S017285	Claimed	Statement of Div	Robert D Calcagno	San Joaquin
982	S017287	Claimed	Statement of Div	Holdener Ranches	San Joaquin
983	S017289	Claimed	Statement of Div	ARNAUDO BROS LP	San Joaquin
984	S017292	Claimed	Statement of Div	ARNAUDO BROS LP	San Joaquin
985	S017299	Claimed	Statement of Div	Steven C Tremain	San Joaquin
986	S017300	Claimed	Statement of Div	Michael A. Craig	Contra Costa
987	S017302	Claimed	Statement of Div	ARNAUDO BROS LP	San Joaquin
988	S017303	Claimed	Statement of Div	Michael A. Craig	Contra Costa
989	S017304	Claimed	Statement of Div	Kewel Munger	San Joaquin
990	S017315	Claimed	Statement of Div	Paul D. Johnson	San Joaquin
991	S017316	Claimed	Statement of Div	Baldev K. Munger	San Joaquin
992	S017318	Claimed	Statement of Div	Paul D. Johnson	San Joaquin
993	S017320	Claimed	Statement of Div	ARNAUDO BROS LP	San Joaquin
994	S017329	Claimed	Statement of Div	Frankie Spinella	Yolo
995	S017332	Claimed	Statement of Div	Snug Harbor Resorts, LLC	Solano
996	S017335	Claimed	Statement of Div	Snug Harbor Resorts, LLC	Solano
997	S017338	Claimed	Statement of Div	Snug Harbor Resorts, LLC	Solano
998	S017341	Claimed	Statement of Div	Snug Harbor Resorts, LLC	Solano
999	S017354	Claimed	Statement of Div	HOFMANN LAND DEVELOPMENT	Contra Costa

1000	S017357	Claimed	Statement of Div	THE LAKES AT DISCOVERY BAY HOA	Contra Costa
1001	S017362	Claimed	Statement of Div	Joseph O. & Mary L. Del Castello Trust	Sacramento
1002	S017382	Claimed	Statement of Div	MCCORMACK SHEEP & GRAIN LLC	Solano
1003	S017383	Claimed	Statement of Div	DBE - Elliot Family Co., LLC	Sacramento
1004	S017391	Claimed	Statement of Div	CITY OF STOCKTON	San Joaquin
1005	S017394	Claimed	Statement of Div	CITY OF STOCKTON	San Joaquin
1006	S017397	Claimed	Statement of Div	LAGUENS VINEYARDS LLC	Yolo
1007	S017400	Claimed	Statement of Div	Brookside Lake Community Association	San Joaquin
1008	S017403	Claimed	Statement of Div	Brookside Lake Community Association	San Joaquin
1009	S017406	Claimed	Statement of Div	CITY OF STOCKTON	San Joaquin
1010	S017409	Claimed	Statement of Div	Baldev K. Munger	San Joaquin
1011	S017411	Claimed	Statement of Div	Baldev K. Munger	San Joaquin
1012	S017412	Claimed	Statement of Div	Brookside Classics Owner's Association	San Joaquin
1013	S017418	Claimed	Statement of Div	Brookside Classics Owner's Association	San Joaquin
1014	S017421	Claimed	Statement of Div	Califia, LLC	San Joaquin
1015	S017427	Claimed	Statement of Div	Califia, LLC	San Joaquin
1016	S017442	Claimed	Statement of Div	Nick Arch	Sacramento
1017	S017455	Claimed	Statement of Div	Califia, LLC	San Joaquin
1018	S017458	Claimed	Statement of Div	Califia, LLC	San Joaquin
1019	S017461	Claimed	Statement of Div	Califia, LLC	San Joaquin
1020	S017464	Claimed	Statement of Div	Califia, LLC	San Joaquin
1021	S017469	Claimed	Statement of Div	Califia, LLC	San Joaquin
1022	S017475	Claimed	Statement of Div	Califia, LLC	San Joaquin
1023	S017477	Claimed	Statement of Div	Ray Walker	Solano
1024	S017478	Claimed	Statement of Div	Califia, LLC	San Joaquin
1025	S017479	Claimed	Statement of Div	Califia, LLC	San Joaquin
1026	S017480	Claimed	Statement of Div	GIKAS PARTNERS	San Joaquin
1027	S017481	Claimed	Statement of Div	Califia, LLC	San Joaquin
1028	S017482	Claimed	Statement of Div	Califia, LLC	San Joaquin
1029	S017484	Claimed	Statement of Div	Califia, LLC	San Joaquin
1030	S017485	Claimed	Statement of Div	Califia, LLC	San Joaquin
1031	S017505	Claimed	Statement of Div	Steven C Tremain	San Joaquin
1032	S017511	Claimed	Statement of Div	James E. Hardesty	Sacramento
1033	S017521	Claimed	Statement of Div	GLENN W SAUNDERS	San Joaquin
1034	S017524	Claimed	Statement of Div	JOSEPH WIDMER JR	San Joaquin
1035	S017578	Claimed	Statement of Div	Patrick S. Bupara	Sacramento
1036	S017583	Claimed	Statement of Div	HAMILTON HECHTMAN JOINT VENTURE	Solano
1037	S017586	Claimed	Statement of Div	James M. Stewart	Solano
1038	S017587	Claimed	Statement of Div	MNM Vineyards LLC	Solano
1039	S017589	Claimed	Statement of Div	MNM Vineyards LLC	Solano
1040	S017590	Claimed	Statement of Div	TROY DAYAK	San Joaquin
1041	S017592	Claimed	Statement of Div	MNM Vineyards LLC	Solano
1042	S017593	Claimed	Statement of Div	Ronald Nunn Family Ltd.	Contra Costa
1043	S017595	Claimed	Statement of Div	Fullerton Community Bank	San Joaquin
1044	S017596	Claimed	Statement of Div	E and K Family Trust	Solano
1045	S017598	Claimed	Statement of Div	Fullerton Community Bank	San Joaquin
1046	S017640	Claimed	Statement of Div	RICHARD HUNT	Yolo
1047	S017653	Claimed	Statement of Div	DONALD R REYNOLDS FAMILY	San Joaquin

1048	S017656	Claimed	Statement of Div C&C Farms - Bianchi, D.&C., Shepperd, R.&C.	San Joaquin
1049	S017659	Claimed	Statement of Div C&C Farms - Bianchi, D.&C., Shepperd, R.&C.	San Joaquin
1050	S017660	Claimed	Statement of Div JOHN PEREZ & SONS INC.	Sacramento
1051	S017662	Claimed	Statement of Div DONALD BIANCHI	San Joaquin
1052	S017665	Claimed	Statement of Div JEAN ANN BRODIE	San Joaquin
1053	S017675	Claimed	Statement of Div David Dal Porto	Contra Costa
1054	S017677	Claimed	Statement of Div CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	Yolo
1055	S017678	Claimed	Statement of Div JIM CULBERTSON	Sacramento
1056	S017680	Claimed	Statement of Div CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	Yolo
1057	S017681	Claimed	Statement of Div CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	Yolo
1058	S017683	Claimed	Statement of Div CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	Yolo
1059	S017684	Claimed	Statement of Div Steve Finn	Sacramento
1060	S017686	Claimed	Statement of Div CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	Yolo
1061	S017688	Claimed	Statement of Div Gasto Co.	Solano
1062	S017689	Claimed	Statement of Div CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	Yolo
1063	S017694	Claimed	Statement of Div Gasto Co.	Solano
1064	S017697	Claimed	Statement of Div Gasto Co.	Solano
1065	S017733	Claimed	Statement of Div Violet Ehlers Trust et al	San Joaquin
1066	S017736	Claimed	Statement of Div Fay Island Farms, LLC	San Joaquin
1067	S017738	Claimed	Statement of Div Jeff Barry	Sacramento
1068	S017739	Claimed	Statement of Div Fay Island Farms, LLC	San Joaquin
1069	S017741	Claimed	Statement of Div Ronald Nunn Family Ltd.	Contra Costa
1070	S017744	Claimed	Statement of Div Ronald Nunn Family Ltd.	Contra Costa
1071	S017747	Claimed	Statement of Div ROGER BERRY	Yolo
1072	S017750	Claimed	Statement of Div Patty J. Bogle Rev Trust	Yolo
1073	S017753	Claimed	Statement of Div Patty J. Bogle Rev Trust	Solano
1074	S017756	Claimed	Statement of Div Patty J. Bogle Rev Trust	Yolo
1075	S017757	Claimed	Statement of Div Eight Mile Road North L.P.	San Joaquin
1076	S017759	Claimed	Statement of Div BOGLE VINEYARDS, INC	Yolo
1077	S017760	Claimed	Statement of Div Eight Mile Road North L.P.	San Joaquin
1078	S017761	Claimed	Statement of Div Violet Ehlers Trust et al	San Joaquin
1079	S017764	Claimed	Statement of Div Violet Ehlers Trust et al	San Joaquin
1080	S017765	Claimed	Statement of Div D&G MERWIN	Yolo
1081	S017766	Claimed	Statement of Div D&G MERWIN	Yolo
1082	S017767	Claimed	Statement of Div D&G MERWIN	Yolo
1083	S017768	Claimed	Statement of Div D&G MERWIN	Yolo
1084	S017769	Claimed	Statement of Div D&G MERWIN	Yolo
1085	S017770	Claimed	Statement of Div Sharon Rae Balie	Yolo
1086	S017771	Claimed	Statement of Div D&G MERWIN	Yolo
1087	S017774	Claimed	Statement of Div D&G MERWIN	Yolo
1088	S017775	Claimed	Statement of Div Borges Family Trust 1995	Yolo
1089	S017777	Claimed	Statement of Div D&G MERWIN	Yolo
1090	S017779	Claimed	Statement of Div Costamagna, Gloria A. Trust	San Joaquin
1091	S017780	Claimed	Statement of Div D&G MERWIN	Yolo
1092	S017781	Claimed	Statement of Div Gustav E. Ahlstrom	Yolo
1093	S017782	Claimed	Statement of Div Robert Maley	Yolo
1094	S017783	Claimed	Statement of Div D&G MERWIN	Yolo
1095	S017784	Claimed	Statement of Div D&G MERWIN	Yolo

1096 S017786	Claimed	Statement of Div D&G MERWIN	Yolo
1097 S017787	Claimed	Statement of Div D&G MERWIN	Yolo
1098 S017789	Claimed	Statement of Div D&G MERWIN	Yolo
1099 S017792	Claimed	Statement of Div D&G MERWIN	Yolo
1100 S017793	Claimed	Statement of Div CAM Enterprises	San Joaquin
1101 S017794	Claimed	Statement of Div D&G MERWIN	Yolo
1102 S017795	Claimed	Statement of Div D&G MERWIN	Yolo
1103 S017797	Claimed	Statement of Div D&G MERWIN	Yolo
1104 S017811	Claimed	Statement of Div PROPERTY RESERVE CALIFORNIA, INC	Contra Costa
1105 S017812	Claimed	Statement of Div Charles Sylva	Sacramento
1106 S017814	Claimed	Statement of Div PROPERTY RESERVE CALIFORNIA, INC	Contra Costa
1107 S017815	Claimed	Statement of Div PROPERTY RESERVE CALIFORNIA, INC	Contra Costa
1108 S017817	Claimed	Statement of Div PROPERTY RESERVE CALIFORNIA, INC	Contra Costa
1109 S017818	Claimed	Statement of Div L & L FARMS, LLC	San Joaquin
1110 S017821	Claimed	Statement of Div L & L FARMS, LLC	San Joaquin
1111 S017824	Claimed	Statement of Div L & L FARMS, LLC	San Joaquin
1112 S017826	Claimed	Statement of Div Adhemar Arellano	Sacramento
1113 S017827	Claimed	Statement of Div L & L FARMS, LLC	San Joaquin
1114 S017829	Claimed	Statement of Div Adhemar Arellano	Sacramento
1115 S017830	Claimed	Statement of Div Ormonde, Mary Co Tr, et al	San Joaquin
1116 S017831	Claimed	Statement of Div Dohrmann Family LLC	San Joaquin
1117 S017832	Claimed	Statement of Div Islands, Inc.	Solano
1118 S017834	Claimed	Statement of Div JEAN ANN BRODIE	San Joaquin
1119 S017835	Claimed	Statement of Div Islands, Inc.	Solano
1120 S017837	Claimed	Statement of Div JEAN ANN BRODIE	San Joaquin
1121 S017838	Claimed	Statement of Div Islands, Inc.	Solano
1122 S017840	Claimed	Statement of Div RICHARD AMARAL	San Joaquin
1123 S017841	Claimed	Statement of Div Islands, Inc.	Solano
1124 S017842	Claimed	Statement of Div Bradford Hellwig	San Joaquin
1125 S017843	Claimed	Statement of Div RICHARD AMARAL	San Joaquin
1126 S017844	Claimed	Statement of Div Islands, Inc.	Solano
1127 S017845	Claimed	Statement of Div Bradford Hellwig	San Joaquin
1128 S017847	Claimed	Statement of Div Islands, Inc.	Solano
1129 S017848	Claimed	Statement of Div Bradford Hellwig	San Joaquin
1130 S017851	Claimed	Statement of Div Bradford Hellwig	San Joaquin
1131 S017854	Claimed	Statement of Div Bradford Hellwig	San Joaquin
1132 S017857	Claimed	Statement of Div Bradford Hellwig	San Joaquin
1133 S017859	Claimed	Statement of Div Judith Balcao	San Joaquin
1134 S017860	Claimed	Statement of Div Bradford Hellwig	San Joaquin
1135 S017862	Claimed	Statement of Div ROBERT J GALLO	San Joaquin
1136 S017863	Claimed	Statement of Div D&G MERWIN	Yolo
1137 S017864	Claimed	Statement of Div Gasto Co.	Yolo
1138 S017866	Claimed	Statement of Div Heringer Holland Land & Farming Co.	Yolo
1139 S017867	Claimed	Statement of Div Gasto Co.	Yolo
1140 S017868	Claimed	Statement of Div Lake Winchester Vineyards	Yolo
1141 S017869	Claimed	Statement of Div Lake Winchester Vineyards	Yolo
1142 S017870	Claimed	Statement of Div Gasto Co.	Yolo
1143 S017871	Claimed	Statement of Div Lake Winchester Vineyards	Yolo

1144	S017872	Claimed	Statement of Div Lake Winchester Vineyards	Yolo
1145	S017873	Claimed	Statement of Div Heringer Holland Land & Farming Co.	Yolo
1146	S017876	Claimed	Statement of Div Heringer Holland Land & Farming Co.	Yolo
1147	S017879	Claimed	Statement of Div Heringer Holland Land & Farming Co.	
1148	S017882	Claimed	Statement of Div Heringer Holland Land & Farming Co.	Yolo
1149	S017883	Claimed	Statement of Div Ronald Nunn Family Ltd.	Contra Costa
1150	S017884	Claimed	Statement of Div Robert A. Harris	San Joaquin
1151	S017885	Claimed	Statement of Div Heringer Holland Land & Farming Co.	Yolo
1152	S017886	Claimed	Statement of Div Fullerton Community Bank	San Joaquin
1153	S017887	Claimed	Statement of Div Ronald Nunn Family Ltd.	Contra Costa
1154	S017888	Claimed	Statement of Div Heringer Holland Land & Farming Co.	Yolo
1155	S017889	Claimed	Statement of Div Dohrmann Family LLC	San Joaquin
1156	S017891	Claimed	Statement of Div Heringer Holland Land & Farming Co.	Yolo
1157	S017893	Claimed	Statement of Div THE ARCHES LTD	Sacramento
1158	S017894	Claimed	Statement of Div Heringer Holland Land & Farming Co.	Yolo
1159	S017896	Claimed	Statement of Div THE ARCHES LTD	Sacramento
1160	S017897	Claimed	Statement of Div Andy Johas	Yolo
1161	S017899	Claimed	Statement of Div Roy Mazzanti Revocable Trust	Contra Costa
1162	S017900	Claimed	Statement of Div Scott Kuhne	Contra Costa
1163	S017901	Claimed	Statement of Div Roy Mazzanti Revocable Trust	Contra Costa
1164	S017902	Claimed	Statement of Div Roy Mazzanti Revocable Trust	Contra Costa
1165	S017903	Claimed	Statement of Div Andy Johas	Yolo
1166	S017904	Claimed	Statement of Div Roy Mazzanti Revocable Trust	Contra Costa
1167	S017905	Claimed	Statement of Div Woods Irrigation Company	San Joaquin
1168	S017906	Claimed	Statement of Div Andy Johas	Sacramento
1169	S017907	Claimed	Statement of Div Woods Robinson Vasquez	San Joaquin
1170	S017908	Claimed	Statement of Div Woods Irrigation Company	San Joaquin
1171	S017909	Claimed	Statement of Div ROBERT SCHINGLER	Sacramento
1172	S017910	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1173	S017911	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1174	S017913	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1175	S017914	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1176	S017915	Claimed	Statement of Div Robert J. and Nivia Silva Trust 8-31-08	San Joaquin
1177	S017916	Claimed	Statement of Div Mary Coelho Trust	San Joaquin
1178	S017917	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1179	S017918	Claimed	Statement of Div Joseph Mario Gwerder	San Joaquin
1180	S017919	Claimed	Statement of Div Antonio I Martin	San Joaquin
1181	S017921	Claimed	Statement of Div Ben Curran	San Joaquin
1182	S017922	Claimed	Statement of Div Hildebrand Farm	San Joaquin
1183	S017923	Claimed	Statement of Div Albert and Geraldine Nigg Revocable Trust	San Joaquin
1184	S017924	Claimed	Statement of Div Manuel Monroy	San Joaquin
1185	S017925	Claimed	Statement of Div J & J Farms, Inc.	San Joaquin
1186	S017926	Claimed	Statement of Div Larry F D'Alonzo	San Joaquin
1187	S017928	Claimed	Statement of Div John Dias et al	San Joaquin
1188	S017930	Claimed	Statement of Div Anthony Podesta Fam LP, ETL	San Joaquin
1189	S017932	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1190	S017933	Claimed	Statement of Div Anthony Podesta Fam LP, ETL	San Joaquin
1191	S017934	Claimed	Statement of Div California Cellars LLC	Sacramento

1192 S017935	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1193 S017936	Claimed	Statement of Div STEVEN DINELLI	Sacramento
1194 S017937	Claimed	Statement of Div J & D VINEYARDS	San Joaquin
1195 S017938	Claimed	Statement of Div B&R TE VELDE RANCH	San Joaquin
1196 S017939	Claimed	Statement of Div TONY E JAKUES (TRUSTEE)	San Joaquin
1197 S017940	Claimed	Statement of Div JANSSEN PROPERTIES	Yolo
1198 S017941	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1199 S017942	Claimed	Statement of Div ANTHONY JAKUES JR	San Joaquin
1200 S017943	Claimed	Statement of Div FRANK C ALEGRE SR.	San Joaquin
1201 S017944	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1202 S017945	Claimed	Statement of Div ANTHONY JAKUES JR	San Joaquin
1203 S017946	Claimed	Statement of Div Kevin Jones	San Joaquin
1204 S017947	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1205 S017948	Claimed	Statement of Div ANTHONY JAKUES JR	San Joaquin
1206 S017949	Claimed	Statement of Div SAN JOAQUIN DELTA FARMS INC.	San Joaquin
1207 S017950	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1208 S017951	Claimed	Statement of Div ANTHONY JAKUES JR	San Joaquin
1209 S017952	Claimed	Statement of Div SAN JOAQUIN DELTA FARMS INC.	San Joaquin
1210 S017953	Claimed	Statement of Div Roy Mazzanti	San Joaquin
1211 S017954	Claimed	Statement of Div MABEL MOITOSO REVOCABLE TRUST	San Joaquin
1212 S017955	Claimed	Statement of Div Mussi, Ratto, Torlai, Et. Al. Water Co.	San Joaquin
1213 S017957	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1214 S017958	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1215 S017959	Claimed	Statement of Div MARINER COVE MARINA, LLC	Contra Costa
1216 S017960	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1217 S017961	Claimed	Statement of Div Robert J. and Nivia Silva Trust 8-31-08	San Joaquin
1218 S017962	Claimed	Statement of Div MARINER COVE MARINA, LLC	Contra Costa
1219 S017963	Claimed	Statement of Div JACKSON LAND & CATTLE LP	Contra Costa
1220 S017964	Claimed	Statement of Div Barbara Buckley	Sacramento
1221 S017965	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1222 S017966	Claimed	Statement of Div JACKSON LAND & CATTLE LP	Contra Costa
1223 S017967	Claimed	Statement of Div Barbara Buckley	Sacramento
1224 S017968	Claimed	Statement of Div THE NATURE CONSERVANCY	Sacramento
1225 S017969	Claimed	Statement of Div VICTOR C ANDRESEN	San Joaquin
1226 S017971	Claimed	Statement of Div THE NATURE CONSERVANCY	Sacramento
1227 S017973	Claimed	Statement of Div MARINER COVE MARINA, LLC	Contra Costa
1228 S017982	Claimed	Statement of Div BATTLE CREEK ISLAND RANCH, LLC	Contra Costa
1229 S017983	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1230 S017986	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1231 S017996	Claimed	Statement of Div WESTERVELT COMPANY	Sacramento
1232 S017998	Claimed	Statement of Div JACKSON LAND & CATTLE LP	Contra Costa
1233 S017999	Claimed	Statement of Div WESTERVELT COMPANY	Sacramento
1234 S018001	Claimed	Statement of Div JACKSON LAND & CATTLE LP	Contra Costa
1235 S018002	Claimed	Statement of Div Robert Kammerer	San Joaquin
1236 S018004	Claimed	Statement of Div JACKSON LAND & CATTLE LP	Contra Costa
1237 S018005	Claimed	Statement of Div Robert Kammerer	San Joaquin
1238 S018006	Claimed	Statement of Div Thomas McCormack	San Joaquin
1239 S018007	Claimed	Statement of Div JACKSON LAND & CATTLE LP	San Joaquin

1240	S018008	Claimed	Statement of Div ROBERT MORI II	San Joaquin
1241	S018009	Claimed	Statement of Div Pierson Lambert Vineyards LLC	Sacramento
1242	S018010	Claimed	Statement of Div JACKSON LAND & CATTLE LP	San Joaquin
1243	S018011	Claimed	Statement of Div STOKELY ORCHARDS	Sacramento
1244	S018012	Claimed	Statement of Div MCCORMACK WILLIAMSON COMPANY	Sacramento
1245	S018013	Claimed	Statement of Div JACKSON LAND & CATTLE LP	Sacramento
1246	S018014	Claimed	Statement of Div Royal Wine Corporation/Herzog Wine Cellars	Sacramento
1247	S018015	Claimed	Statement of Div Ferreira Family Trust	Sacramento
1248	S018016	Claimed	Statement of Div JACKSON LAND & CATTLE LP	San Joaquin
1249	S018017	Claimed	Statement of Div Ambrose Corporation	Sacramento
1250	S018018	Claimed	Statement of Div MCCORMACK WILLIAMSON COMPANY	Sacramento
1251	S018019	Claimed	Statement of Div JACKSON LAND & CATTLE LP	San Joaquin
1252	S018020	Claimed	Statement of Div Robert Kammerer	San Joaquin
1253	S018021	Claimed	Statement of Div MCCORMACK WILLIAMSON COMPANY	Sacramento
1254	S018022	Claimed	Statement of Div JACKSON LAND & CATTLE LP	San Joaquin
1255	S018023	Claimed	Statement of Div Brian Bailey	Sacramento
1256	S018024	Claimed	Statement of Div Ferreira Family Trust	Sacramento
1257	S018025	Claimed	Statement of Div JACKSON LAND & CATTLE LP	San Joaquin
1258	S018026	Claimed	Statement of Div Ambrose Corporation	Sacramento
1259	S018027	Claimed	Statement of Div Ambrose Corporation	Sacramento
1260	S018028	Claimed	Statement of Div JACKSON LAND & CATTLE LP	San Joaquin
1261	S018029	Claimed	Statement of Div SUTTER RIVER RANCH	Sacramento
1262	S018030	Claimed	Statement of Div WINEGRAPE CONNECTION	Sacramento
1263	S018032	Claimed	Statement of Div STOKELY ORCHARDS	Solano
1264	S018033	Claimed	Statement of Div GOMEZ PROPERTIES	Sacramento
1265	S018034	Claimed	Statement of Div NAKAHARA FAMILY TRUST C	Solano
1266	S018035	Claimed	Statement of Div FRANCISCO SERRANO	San Joaquin
1267	S018036	Claimed	Statement of Div Royal Wine Corporation/Herzog Wine Cellars	Sacramento
1268	S018037	Claimed	Statement of Div STOKELY ORCHARDS	Sacramento
1269	S018038	Claimed	Statement of Div Mussi, Ratto, Torlai, Et. Al. Water Co.	San Joaquin
1270	S018039	Claimed	Statement of Div Royal Wine Corporation/Herzog Wine Cellars	Sacramento
1271	S018040	Claimed	Statement of Div STOKELY ORCHARDS	Sacramento
1272	S018041	Claimed	Statement of Div JACKSON LAND & CATTLE LP	San Joaquin
1273	S018042	Claimed	Statement of Div BRUCE TOWNE	San Joaquin
1274	S018043	Claimed	Statement of Div James L. Morris	Sacramento
1275	S018044	Claimed	Statement of Div JACKSON LAND & CATTLE LP	San Joaquin
1276	S018045	Claimed	Statement of Div ROBERT H GLOBUS JR.	Sacramento
1277	S018046	Claimed	Statement of Div DENNIS LEARY	Sacramento
1278	S018048	Claimed	Statement of Div RIVER CITY TURF FARMS	Sacramento
1279	S018049	Claimed	Statement of Div M.G. LEARY	Sacramento
1280	S018050	Claimed	Statement of Div JAMES A. GUALCO	Sacramento
1281	S018051	Claimed	Statement of Div BRUCE TOWNE	San Joaquin
1282	S018052	Claimed	Statement of Div GRAND ISLAND RANCH LLC	Sacramento
1283	S018053	Claimed	Statement of Div Stokes Farms	Sacramento
1284	S018054	Claimed	Statement of Div BRUCE TOWNE	San Joaquin
1285	S018055	Claimed	Statement of Div RICHARD SOUZA	Sacramento
1286	S018056	Claimed	Statement of Div Stokes Farms	San Joaquin
1287	S018057	Claimed	Statement of Div RIVER CITY TURF FARMS	Sacramento

1288	S018058	Claimed	Statement of Div S & B ROBERTSON FAMILY LIMITED PARTNERSHIP	Sacramento
1289	S018059	Claimed	Statement of Div FIDDYMENT ESTATE COMPANY LLC	San Joaquin
1290	S018060	Claimed	Statement of Div ALECK DAMBACHER	San Joaquin
1291	S018061	Claimed	Statement of Div James L. Morris	Sacramento
1292	S018064	Claimed	Statement of Div ST FRANCIS YACHT CLUB	San Joaquin
1293	S018067	Claimed	Statement of Div ST FRANCIS YACHT CLUB	San Joaquin
1294	S018070	Claimed	Statement of Div ST FRANCIS YACHT CLUB	San Joaquin
1295	S018081	Claimed	Statement of Div ANTONIO BRASIL	San Joaquin
1296	S018084	Claimed	Statement of Div ANTONIO BRASIL	San Joaquin
1297	S018087	Claimed	Statement of Div Califia, LLC	San Joaquin
1298	S018095	Claimed	Statement of Div THOMAS MCCORMACK	Sacramento
1299	S018096	Claimed	Statement of Div Stockton Jacs LLC	Sacramento
1300	S018098	Claimed	Statement of Div THOMAS MCCORMACK	Sacramento
1301	S018101	Claimed	Statement of Div THOMAS MCCORMACK	Sacramento
1302	S018104	Claimed	Statement of Div THOMAS MCCORMACK	Sacramento
1303	S018106	Claimed	Statement of Div JOHN KISST	San Joaquin
1304	S018107	Claimed	Statement of Div THOMAS MCCORMACK	Sacramento
1305	S018109	Claimed	Statement of Div BAIRD LANDS INCORPORATED	San Joaquin
1306	S018110	Claimed	Statement of Div CHARLES MCDOWELL	Sacramento
1307	S018112	Claimed	Statement of Div BAIRD LANDS INCORPORATED	San Joaquin
1308	S018113	Claimed	Statement of Div CLYDE E BEFFA, SR.	San Joaquin
1309	S018129	Claimed	Statement of Div Nomellini Construction Company	San Joaquin
1310	S018132	Claimed	Statement of Div VICTOR LEONARDINI	San Joaquin
1311	S018134	Claimed	Statement of Div BRUCE GORNT0	Sacramento
1312	S018137	Claimed	Statement of Div MARK LASHER	Solano
1313	S018140	Claimed	Statement of Div LOUIS BORBA	Sacramento
1314	S018145	Claimed	Statement of Div RICHARD GEMIGNANI	Sacramento
1315	S018146	Claimed	Statement of Div MARY CRANE	Sacramento
1316	S018148	Claimed	Statement of Div RICHARD GEMIGNANI	Sacramento
1317	S018152	Claimed	Statement of Div August & Lillian Mazzanti Rev. Fam. Trust	San Joaquin
1318	S018156	Claimed	Statement of Div HILDER FAMILY PROPERTIES PTP	San Joaquin
1319	S018161	Claimed	Statement of Div MARVIN A RUPORT	Sacramento
1320	S018162	Claimed	Statement of Div LIANA GIOVANNINI FIGONE	San Joaquin
1321	S018164	Claimed	Statement of Div HARVEY J. CORREIA	Sacramento
1322	S018165	Claimed	Statement of Div TOGNINALI FARMS INC. GARY R. BROWN AND MARIA J. BROWN REVOCABLE TRUST	Sacramento
1323	S018167	Claimed	Statement of Div DATED OCTOBER 22, 2008	Sacramento
1324	S018169	Claimed	Statement of Div CELESTINO & ESMERALDA PERDIGAO TRUST	San Joaquin
1325	S018170	Claimed	Statement of Div NANCY J RIPKEN	San Joaquin
1326	S018171	Claimed	Statement of Div Stockton Jacs LLC	Sacramento
1327	S018172	Claimed	Statement of Div ANTONIO BISCAIA	San Joaquin
1328	S018173	Claimed	Statement of Div NANCY J RIPKEN	San Joaquin
1329	S018174	Claimed	Statement of Div Stockton Jacs LLC	Sacramento
1330	S018175	Claimed	Statement of Div ANTONIO BISCAIA	San Joaquin
1331	S018176	Claimed	Statement of Div RICHARD A RIPKEN	San Joaquin
1332	S018177	Claimed	Statement of Div Stockton Jacs LLC	Sacramento
1333	S018178	Claimed	Statement of Div ANTONIO BISCAIA	San Joaquin
1334	S018179	Claimed	Statement of Div NANCY J RIPKEN	San Joaquin

1335 S018180	Claimed	Statement of Div NANCY J RIPKEN	San Joaquin
1336 S018181	Claimed	Statement of Div ANTONIO BISCAIA	San Joaquin
1337 S018182	Claimed	Statement of Div NANCY J RIPKEN	San Joaquin
1338 S018183	Claimed	Statement of Div NANCY J RIPKEN	San Joaquin
1339 S018185	Claimed	Statement of Div Betty S. Brazil	San Joaquin
1340 S018186	Claimed	Statement of Div NANCY J RIPKEN	San Joaquin
1341 S018188	Claimed	Statement of Div DONALD E MORETTI TRUST	San Joaquin
1342 S018189	Claimed	Statement of Div NANCY J RIPKEN	San Joaquin
1343 S018191	Claimed	Statement of Div SUSAN GOLLAS	Sacramento
1344 S018192	Claimed	Statement of Div NANCY J RIPKEN	San Joaquin
1345 S018207	Claimed	Statement of Div Louis & Betty Galli Trust	San Joaquin
1346 S018219	Claimed	Statement of Div HILDER FAMILY PROPERTIES PTP	San Joaquin
1347 S018228	Claimed	Statement of Div Trena H. Burger-Plavan	Yolo
1348 S018232	Claimed	Statement of Div ANDREW MAGNASCO	San Joaquin
1349 S018235	Claimed	Statement of Div Louis Mello Ranch L.P.	San Joaquin
1350 S018237	Claimed	Statement of Div Shirley Winger	Sacramento
1351 S018238	Claimed	Statement of Div Louis Mello Ranch L.P.	San Joaquin
1352 S018240	Claimed	Statement of Div Shirley Winger	Sacramento
1353 S018241	Claimed	Statement of Div Louis Mello Ranch L.P.	San Joaquin
1354 S018244	Claimed	Statement of Div JOHN ROCHA	San Joaquin
1355 S018246	Claimed	Statement of Div D & R LIVESTOCK	Solano
1356 S018248	Claimed	Statement of Div Kirk West	Sacramento
1357 S018249	Claimed	Statement of Div D & R LIVESTOCK	Solano
1358 S018250	Claimed	Statement of Div John Glick	San Joaquin
1359 S018252	Claimed	Statement of Div D & R LIVESTOCK	Solano
1360 S018253	Claimed	Statement of Div Michael Quartaroli/CWC LLC	San Joaquin
1361 S018255	Claimed	Statement of Div D & R LIVESTOCK	Solano
1362 S018256	Claimed	Statement of Div Michael Quartaroli/CWC LLC	San Joaquin
1363 S018257	Claimed	Statement of Div N.R., B.P., D.C. Hamilton	Sacramento
1364 S018258	Claimed	Statement of Div ANDREW MAGNASCO	San Joaquin
1365 S018259	Claimed	Statement of Div Michael Quartaroli/CWC LLC	San Joaquin
1366 S018272	Claimed	Statement of Div MABEL MOITOSO REVOCABLE TRUST	San Joaquin
1367 S018280	Claimed	Statement of Div Reamer Farms	Yolo
1368 S018283	Claimed	Statement of Div Reamer Farms	Yolo
1369 S018286	Claimed	Statement of Div Reamer Farms	Yolo
1370 S018287	Claimed	Statement of Div Enzo Baiocchi	Sacramento
1371 S018293	Claimed	Statement of Div JOHN ROCHA	San Joaquin
1372 S018294	Claimed	Statement of Div Ronald A. Marchetti	San Joaquin
1373 S018296	Claimed	Statement of Div Michael Quartaroli/CWC LLC	San Joaquin
1374 S018299	Claimed	Statement of Div Camillo Leventini	San Joaquin
1375 S018302	Claimed	Statement of Div Camillo Leventini	San Joaquin
1376 S018305	Claimed	Statement of Div Henry Foppiano	San Joaquin
1377 S018307	Claimed	Statement of Div Ronald A. Marchetti	San Joaquin
1378 S018308	Claimed	Statement of Div Henry Foppiano	San Joaquin
1379 S018310	Claimed	Statement of Div Ronald A. Marchetti	San Joaquin
1380 S018311	Claimed	Statement of Div Henry Foppiano	San Joaquin
1381 S018313	Claimed	Statement of Div Ronald A. Marchetti	San Joaquin
1382 S018314	Claimed	Statement of Div Henry Foppiano	San Joaquin

1383	S018316	Claimed	Statement of Div Ronald A. Marchetti	San Joaquin
1384	S018317	Claimed	Statement of Div Henry Foppiano	San Joaquin
1385	S018319	Claimed	Statement of Div King Island Trailer Park and Recreation Co.	San Joaquin
1386	S018320	Claimed	Statement of Div Henry Foppiano	San Joaquin
1387	S018322	Claimed	Statement of Div Henry Foppiano	San Joaquin
1388	S018323	Claimed	Statement of Div Henry Foppiano	San Joaquin
1389	S018325	Claimed	Statement of Div Henry Foppiano	San Joaquin
1390	S018360	Claimed	Statement of Div Pump House Ranches Inc	Sacramento
1391	S018363	Claimed	Statement of Div Pump House Ranches Inc	Sacramento
1392	S018371	Claimed	Statement of Div Diane I Kirkham	Sacramento
1393	S018373	Claimed	Statement of Div Venice Island, Inc	San Joaquin
1394	S018374	Claimed	Statement of Div Diane I Kirkham	Sacramento
1395	S018375	Claimed	Statement of Div Craig D Kirchhoff	Solano
1396	S018376	Claimed	Statement of Div Venice Island, Inc	San Joaquin
1397	S018377	Claimed	Statement of Div Diane I Kirkham	Sacramento
1398	S018379	Claimed	Statement of Div Venice Island, Inc	San Joaquin
1399	S018380	Claimed	Statement of Div Diane I Kirkham	Sacramento
1400	S018382	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1401	S018383	Claimed	Statement of Div Jose Polendo Jr.	Yolo
1402	S018384	Claimed	Statement of Div De Matei Family Trust	Sacramento
1403	S018391	Claimed	Statement of Div Frank B Besso	Sacramento
1404	S018394	Claimed	Statement of Div RJM Vineyards LLC	San Joaquin
1405	S018400	Claimed	Statement of Div Carrol G Grunsky	San Joaquin
1406	S018402	Claimed	Statement of Div FRY FAMILY TRUST OF 1999	Sacramento
1407	S018405	Claimed	Statement of Div JERYL ROBERT FRY	Sacramento
1408	S018406	Claimed	Statement of Div Joe McDowell	Sacramento
1409	S018408	Claimed	Statement of Div FRY FAMILY TRUST OF 1999	Sacramento
1410	S018411	Claimed	Statement of Div FRY FAMILY TRUST OF 1999	San Joaquin
1411	S018412	Claimed	Statement of Div Mark Lubich	Sacramento
1412	S018414	Claimed	Statement of Div FRY FAMILY TRUST OF 1999	San Joaquin
1413	S018417	Claimed	Statement of Div FRY FAMILY TRUST OF 1999	San Joaquin
1414	S018420	Claimed	Statement of Div FRY FAMILY TRUST OF 1999	Sacramento
1415	S018423	Claimed	Statement of Div JERYL ROBERT FRY	San Joaquin
1416	S018424	Claimed	Statement of Div TAJ-SILVA FARMS	Sacramento
1417	S018425	Claimed	Statement of Div BANK OF STOCKTON	San Joaquin
1418	S018427	Claimed	Statement of Div BANK OF STOCKTON	San Joaquin
1419	S018428	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1420	S018430	Claimed	Statement of Div BANK OF STOCKTON	San Joaquin
1421	S018431	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1422	S018433	Claimed	Statement of Div BANK OF STOCKTON	San Joaquin
1423	S018434	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1424	S018435	Claimed	Statement of Div Frank E. & Eleanor N. Silva Irrevocable Trust , A & B	Sacramento
1425	S018436	Claimed	Statement of Div Coleman Foley, Jr.	San Joaquin
1426	S018437	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1427	S018438	Claimed	Statement of Div Frank E. & Eleanor N. Silva	Sacramento
1428	S018439	Claimed	Statement of Div Coleman Foley, Jr.	San Joaquin
1429	S018440	Claimed	Statement of Div Lindy and Marie Bacchetti Trust	San Joaquin
1430	S018441	Claimed	Statement of Div Frank E. & Eleanor N. Silva Irrevocable Trust , A & B	Sacramento

1431	S018442	Claimed	Statement of Div Coleman Foley, Jr.	San Joaquin
1432	S018443	Claimed	Statement of Div Lindy and Marie Bacchetti Trust	San Joaquin
1433	S018444	Claimed	Statement of Div Frank E. & Eleanor N. Silva Irrevocable Trust , A & B	Sacramento
1434	S018445	Claimed	Statement of Div Coleman Foley, Jr.	San Joaquin
1435	S018446	Claimed	Statement of Div Lindy and Marie Bacchetti Trust	San Joaquin
1436	S018447	Claimed	Statement of Div Frank Silva Franel Company	Sacramento
1437	S018448	Claimed	Statement of Div Coleman Foley, Jr.	San Joaquin
1438	S018449	Claimed	Statement of Div Judith Balcao	San Joaquin
1439	S018450	Claimed	Statement of Div Vincent Chavier	Sacramento
1440	S018451	Claimed	Statement of Div Coleman Foley, Jr.	San Joaquin
1441	S018452	Claimed	Statement of Div Robert J Gallo	San Joaquin
1442	S018466	Claimed	Statement of Div Daniel A. Serpa	Yolo
1443	S018469	Claimed	Statement of Div Daniel A. Serpa	Yolo
1444	S018476	Claimed	Statement of Div Daniel A. Serpa	Yolo
1445	S018491	Claimed	Statement of Div FRY FAMILY TRUST OF 1999	San Joaquin
1446	S018494	Claimed	Statement of Div Deadhorse LP	Yolo
1447	S018495	Claimed	Statement of Div Bernice L Silva	San Joaquin
1448	S018497	Claimed	Statement of Div Deadhorse LP	Sacramento
1449	S018500	Claimed	Statement of Div Deadhorse LP	Sacramento
1450	S018506	Claimed	Statement of Div Craig Revocable Trust	Sacramento
1451	S018507	Claimed	Statement of Div Berniece L. Silva Trust	San Joaquin
1452	S018512	Claimed	Statement of Div Gregory S. Dhillon	San Joaquin
1453	S018513	Claimed	Statement of Div Berniece L. Silva Trust	San Joaquin
1454	S018515	Claimed	Statement of Div Christopher M George	Contra Costa
1455	S018518	Claimed	Statement of Div Empire Fields, LLC	San Joaquin
1456	S018524	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1457	S018525	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1458	S018526	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1459	S018527	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1460	S018528	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1461	S018530	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1462	S018531	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1463	S018533	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1464	S018534	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1465	S018535	Claimed	Statement of Div Matthew Foster	San Joaquin
1466	S018536	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1467	S018537	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1468	S018538	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1469	S018539	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1470	S018540	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1471	S018541	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1472	S018542	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1473	S018543	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1474	S018544	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1475	S018545	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1476	S018546	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1477	S018547	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1478	S018548	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin

1479	S018549	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1480	S018550	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1481	S018551	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1482	S018552	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1483	S018553	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1484	S018554	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1485	S018555	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1486	S018556	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1487	S018557	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1488	S018558	Claimed	Statement of Div	Ironhouse Sanitary District	Contra Costa
1489	S018563	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1490	S018564	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1491	S018568	Claimed	Statement of Div	Contra Costa Power Plant, Mirant Delta LLC	Contra Costa
1492	S018569	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1493	S018571	Claimed	Statement of Div	Contra Costa Power Plant, Mirant Delta LLC	Contra Costa
1494	S018572	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1495	S018575	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1496	S018578	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1497	S018579	Claimed	Statement of Div	DELTA ORCHARDS, LP	Sacramento
1498	S018581	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1499	S018582	Claimed	Statement of Div	DELTA ORCHARDS, LP	Sacramento
1500	S018584	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1501	S018586	Claimed	Statement of Div	DELTA ORCHARDS, LP	Sacramento
1502	S018587	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1503	S018592	Claimed	Statement of Div	DANIEL ROZA	San Joaquin
1504	S018595	Claimed	Statement of Div	DANIEL ROZA	San Joaquin
1505	S018597	Inactive	Statement of Div	Anthony Uong	San Joaquin
1506	S018614	Claimed	Statement of Div	MYERS LAND COMPANY LLP	Yolo
1507	S018615	Inactive	Statement of Div	Anthony Uong	San Joaquin
1508	S018617	Claimed	Statement of Div	MYERS LAND COMPANY LLP	Yolo
1509	S018624	Claimed	Statement of Div	Duane Martin Jr	Sacramento
1510	S018630	Inactive	Statement of Div	Kuhagen Revocable Living Trust	
1511	S018634	Claimed	Statement of Div	RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1512	S018635	Claimed	Statement of Div	RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1513	S018637	Claimed	Statement of Div	RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1514	S018639	Claimed	Statement of Div	Frank Olagaray	San Joaquin
1515	S018643	Claimed	Statement of Div	RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1516	S018645	Claimed	Statement of Div	FUMIKO ASANO	San Joaquin
1517	S018646	Claimed	Statement of Div	RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1518	S018648	Claimed	Statement of Div	FUMIKO ASANO	San Joaquin
1519	S018649	Claimed	Statement of Div	LEEN DESNAYER	San Joaquin
1520	S018650	Claimed	Statement of Div	EDWARD MACHADO	San Joaquin
1521	S018652	Claimed	Statement of Div	LEEN DESNAYER	Sacramento
1522	S018653	Claimed	Statement of Div	EGC INVESTMENTS INC	San Joaquin
1523	S018654	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin
1524	S018656	Claimed	Statement of Div	Reamer Farms	Yolo
1525	S018659	Claimed	Statement of Div	Reamer Farms	Yolo
1526	S018662	Claimed	Statement of Div	GEORGE BIAGI	San Joaquin

1527	S018664	Claimed	Statement of Div	GEORGE BIAGI	San Joaquin
1528	S018665	Claimed	Statement of Div	JOHN DUTRA	Sacramento
1529	S018667	Claimed	Statement of Div	GEORGE BIAGI	San Joaquin
1530	S018690	Claimed	Statement of Div	EAST BAY REGIONAL PARK DISTRICT	Contra Costa
1531	S018693	Claimed	Statement of Div	RICHARD BRANN	Solano
1532	S018694	Claimed	Statement of Div	Cotta Properties, Inc.	San Joaquin
1533	S018695	Claimed	Statement of Div	COTTA PROPERTIES INC	San Joaquin
1534	S018696	Claimed	Statement of Div	JOE M COTTA, JR	San Joaquin
1535	S018697	Claimed	Statement of Div	BOA VISTA PROPERTIES LLC	San Joaquin
1536	S018698	Claimed	Statement of Div	Cortopassi Life Estate, et al	San Joaquin
1537	S018699	Claimed	Statement of Div	Cortopassi Life Estate, et al	San Joaquin
1538	S018700	Claimed	Statement of Div	Cortopassi Life Estate, et al	San Joaquin
1539	S018701	Claimed	Statement of Div	Cortopassi Life Estate, et al	San Joaquin
1540	S018702	Claimed	Statement of Div	Cortopassi Life Estate, et al	San Joaquin
1541	S018703	Claimed	Statement of Div	Cortopassi Life Estate, et al	San Joaquin
1542	S018708	Claimed	Statement of Div	Peter G. Dwyer, Jr.	Yolo
1543	S018709	Claimed	Statement of Div	Peter G. Dwyer, Jr.	Yolo
1544	S018746	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1545	S018747	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1546	S018748	Claimed	Statement of Div	THE NATURE CONSERVANCY	San Joaquin
1547	S018749	Claimed	Statement of Div	De Matei Family Trust	Sacramento
1548	S018754	Claimed	Statement of Div	CASTRO, M.A. SR. ETAL ISABELLE PUGH	San Joaquin
1549	S018759	Claimed	Statement of Div	Patricia Sainsbury	Alameda
1550	S018765	Claimed	Statement of Div	EDWARD MACHADO	San Joaquin
1551	S018766	Claimed	Statement of Div	Berniece L. Silva Trust	San Joaquin
1552	S018768	Claimed	Statement of Div	M Ratto, Rodgers, Ohm, L Ratto and Nomellini	San Joaquin
1553	S018769	Claimed	Statement of Div	Berniece L. Silva Trust	San Joaquin
1554	S018774	Claimed	Statement of Div	Berniece L. Silva Trust	San Joaquin
1555	S018783	Claimed	Statement of Div	Smith Family Ranch, Inc.	Sacramento
1556	S018789	Claimed	Statement of Div	YAMADA BROTHERS	San Joaquin
1557	S018790	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin
1558	S018792	Claimed	Statement of Div	YAMADA BROTHERS	San Joaquin
1559	S018793	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin
1560	S018795	Claimed	Statement of Div	R J COSTA TRUST, ETAL	San Joaquin
1561	S018796	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin
1562	S018798	Claimed	Statement of Div	Abbate Farms	San Joaquin
1563	S018799	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin
1564	S018801	Claimed	Statement of Div	Kolber Farms LLC	San Joaquin
1565	S018804	Claimed	Statement of Div	Anandpur Farms	San Joaquin
1566	S018805	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin
1567	S018806	Claimed	Statement of Div	Ernest And Gloria Costamagna Trust	San Joaquin
1568	S018807	Claimed	Statement of Div	Manuel Borba Jr.	San Joaquin
1569	S018808	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin
1570	S018810	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin
1571	S018811	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin
1572	S018813	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin
1573	S018814	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin
1574	S018816	Claimed	Statement of Div	Ensher, Alexander and Barsoom, INC.	San Joaquin

1575	S018817	Claimed	Statement of Div Ensher, Alexander and Barsoom, INC.	San Joaquin
1576	S018819	Claimed	Statement of Div Ensher, Alexander and Barsoom, INC.	San Joaquin
1577	S018820	Claimed	Statement of Div Ensher, Alexander and Barsoom, INC.	San Joaquin
1578	S018823	Claimed	Statement of Div COTTA PROPERTIES INC	San Joaquin
1579	S018825	Claimed	Statement of Div Eddie P. and Aurelia I Lucchesi Tr	San Joaquin
1580	S018826	Claimed	Statement of Div James A. Cotta Vineyards, Inc.	San Joaquin
1581	S018829	Claimed	Statement of Div James A. Cotta Vineyards, Inc.	San Joaquin
1582	S018831	Claimed	Statement of Div Louis Biagioni	Sacramento
1583	S018834	Claimed	Statement of Div Eddie P. and Aurelia I Lucchesi Tr	San Joaquin
1584	S018837	Claimed	Statement of Div Eddie P. and Aurelia I Lucchesi Tr	San Joaquin
1585	S018840	Claimed	Statement of Div Eddie P. and Aurelia I Lucchesi Tr	San Joaquin
1586	S018844	Claimed	Statement of Div COTTA PROPERTIES INC	San Joaquin
1587	S018855	Claimed	Statement of Div GREENLAW GRUPE JR. OPERATING COMPANY	San Joaquin
1588	S018859	Claimed	Statement of Div Elliot Family Revocable Trust	Sacramento
1589	S018867	Claimed	Statement of Div Ison Inc.	San Joaquin
1590	S018870	Claimed	Statement of Div GREENLAW GRUPE JR. OPERATING COMPANY	San Joaquin
1591	S018871	Claimed	Statement of Div Anthony G. Dutra Trust	San Joaquin
1592	S018872	Claimed	Statement of Div Elmwood Partners L.P.	San Joaquin
1593	S018874	Claimed	Statement of Div Anthony G. Dutra Trust	San Joaquin
1594	S018876	Claimed	Statement of Div Ison Inc.	San Joaquin
1595	S018878	Claimed	Statement of Div Elmwood Partners L.P.	San Joaquin
1596	S018879	Claimed	Statement of Div Center for Natural Lands Management	San Joaquin
1597	S018880	Claimed	Statement of Div Elliot Delta Orchards, LLC	Sacramento
1598	S018881	Claimed	Statement of Div Elmwood Partners L.P.	San Joaquin
1599	S018884	Claimed	Statement of Div Elmwood Partners L.P.	San Joaquin
1600	S018885	Claimed	Statement of Div G.H.S. Ranches Inc.	San Joaquin
1601	S018886	Claimed	Statement of Div Elliot Delta Orchards, LLC	Sacramento
1602	S018887	Claimed	Statement of Div Berniece L. Silva Trust	San Joaquin
1603	S018890	Claimed	Statement of Div Berniece L. Silva Trust	San Joaquin
1604	S018893	Claimed	Statement of Div Nat. and Marie Bacchetti Trust	San Joaquin
1605	S018894	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1606	S018899	Claimed	Statement of Div Berniece L. Silva Trust	San Joaquin
1607	S018902	Claimed	Statement of Div GARY M. GRAHAM	San Joaquin
1608	S018903	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1609	S018904	Claimed	Statement of Div EDDIE VIERRA FARMS LLC	San Joaquin
1610	S018905	Claimed	Statement of Div Nat. and Marie Bacchetti Trust	San Joaquin
1611	S018906	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1612	S018907	Claimed	Statement of Div Nat. and Marie Bacchetti Trust	San Joaquin
1613	S018911	Claimed	Statement of Div Nat. and Marie Bacchetti Trust	San Joaquin
1614	S018914	Claimed	Statement of Div Berniece L. Silva Trust	San Joaquin
1615	S018917	Claimed	Statement of Div Nat. and Marie Bacchetti Trust	San Joaquin
1616	S018921	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1617	S018922	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1618	S018924	Claimed	Statement of Div Douglass M. Eberhardt, III et al.	San Joaquin
1619	S018925	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1620	S018927	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1621	S018928	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1622	S018930	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin

1623	S018931	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1624	S018933	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1625	S018934	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1626	S018936	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1627	S018937	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1628	S018939	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1629	S018940	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1630	S018942	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1631	S018943	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1632	S018945	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1633	S018946	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1634	S018948	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1635	S018949	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1636	S018951	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1637	S018952	Claimed	Statement of Div Coleman Foley, Jr.	Contra Costa
1638	S018954	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1639	S018955	Claimed	Statement of Div COLEMAN FOLEY	San Joaquin
1640	S018956	Claimed	Statement of Div Merritt Island Ranch- Greene & Hemly, Inc	Yolo
1641	S018958	Claimed	Statement of Div COLEMAN FOLEY	San Joaquin
1642	S018959	Claimed	Statement of Div Merritt Island Ranch- Greene & Hemly, Inc	Yolo
1643	S018961	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1644	S018962	Claimed	Statement of Div Ryer Island Ranch- Greene & Hemly Inc.	Solano
1645	S018964	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1646	S018966	Claimed	Statement of Div ALBERT EMHOFF	San Joaquin
1647	S018967	Claimed	Statement of Div Frank Faria	Contra Costa
1648	S018968	Claimed	Statement of Div Fiddymment Family Partners	San Joaquin
1649	S018970	Claimed	Statement of Div COLEMAN FOLEY	San Joaquin
1650	S018971	Claimed	Statement of Div Lindy and Marie Bacchetti Trust/ Frank J & SJ Bacchetti Trust	San Joaquin
1651	S018972	Claimed	Statement of Div ARTHUR JUNQUEIRO	San Joaquin
1652	S018975	Claimed	Statement of Div DOUGLASS M. EBERHARDT II	San Joaquin
1653	S018976	Claimed	Statement of Div William Baier	San Joaquin
1654	S018977	Claimed	Statement of Div Mary Bacchetti Family LP	San Joaquin
1655	S018982	Claimed	Statement of Div Jimmie and Karen Fistolera Trust	San Joaquin
1656	S018983	Claimed	Statement of Div Mary Bacchetti Family LP	San Joaquin
1657	S018984	Claimed	Statement of Div Grant Scott Hickey	San Joaquin
1658	S018985	Claimed	Statement of Div COLEMAN FOLEY	San Joaquin
1659	S018987	Claimed	Statement of Div Berniece L. Silva Trust	San Joaquin
1660	S018989	Claimed	Statement of Div Tim T Grunsky	San Joaquin
1661	S019004	Claimed	Statement of Div VAN GRONINGEN & SONS INC	San Joaquin
1662	S019017	Claimed	Statement of Div Berniece L. Silva Trust	San Joaquin
1663	S019020	Claimed	Statement of Div DANIEL ROZA	San Joaquin
1664	S019023	Claimed	Statement of Div DANIEL ROZA PHILIP C. AND ANNE C. BEROLZHEIMER REVOCABLE FAMILY	San Joaquin
1665	S019024	Claimed	Statement of Div TRUST	San Joaquin
1666	S019026	Claimed	Statement of Div DANIEL ROZA	San Joaquin
1667	S019029	Claimed	Statement of Div DANIEL ROZA	San Joaquin
1668	S019032	Claimed	Statement of Div DANIEL ROZA	San Joaquin
1669	S019035	Claimed	Statement of Div DANIEL ROZA	San Joaquin

1670 S019036	Claimed	Statement of Div Kathryn H. Dorsey Revocable Trust	Sacramento
1671 S019038	Claimed	Statement of Div DANIEL ROZA	San Joaquin
1672 S019041	Claimed	Statement of Div DANIEL ROZA	San Joaquin
1673 S019042	Claimed	Statement of Div JOHN GARAMENDI	Sacramento
1674 S019044	Claimed	Statement of Div DANIEL ROZA	San Joaquin
1675 S019047	Claimed	Statement of Div DANIEL ROZA	San Joaquin
1676 S019048	Claimed	Statement of Div DANIEL ROZA	San Joaquin
1677 S019050	Claimed	Statement of Div DANIEL ROZA	San Joaquin
1678 S019051	Claimed	Statement of Div DANIEL ROZA	San Joaquin
1679 S019053	Claimed	Statement of Div EDDY JO CARDOZA	San Joaquin
1680 S019056	Claimed	Statement of Div EDDY JO CARDOZA	San Joaquin
1681 S019057	Claimed	Statement of Div JOHN C KELLEY PROPERTIES LLC	San Joaquin
1682 S019058	Claimed	Statement of Div WOODY'S ON THE RIVER LLC, ET AL	San Joaquin
1683 S019059	Claimed	Statement of Div August & Lillian Mazzanti Rev. Fam. Trust	San Joaquin
1684 S019061	Claimed	Statement of Div PAB RANCH	San Joaquin
1685 S019063	Claimed	Statement of Div KIRTLAN FAMILY TRUST	Yolo
1686 S019064	Claimed	Statement of Div MARGARET MARTIN	San Joaquin
1687 S019065	Claimed	Statement of Div CARDOZA HOME RANCH	San Joaquin
1688 S019066	Claimed	Statement of Div KIRTLAN FAMILY TRUST	Yolo
1689 S019068	Claimed	Statement of Div CARDOZA HOME RANCH	San Joaquin
1690 S019069	Claimed	Statement of Div JOHNNIE L COSTA	San Joaquin
1691 S019071	Claimed	Statement of Div TERRY AND JAN REMITZ 1984 TRUST	San Joaquin
1692 S019072	Claimed	Statement of Div FRED A. DOUMA FAMILY TRUST	San Joaquin
1693 S019073	Claimed	Statement of Div FRANK M AND MARY ALEGRE FAMILY LP	San Joaquin
1694 S019075	Claimed	Statement of Div WOODY'S ON THE RIVER LLC, ET AL	San Joaquin
1695 S019076	Claimed	Statement of Div GLORIA A BACCHETTI	San Joaquin
1696 S019079	Claimed	Statement of Div DERRIEL HAYES	San Joaquin
1697 S019081	Claimed	Statement of Div MARY PERRY	San Joaquin
1698 S019082	Claimed	Statement of Div Woody's On The River, LLC	San Joaquin
1699 S019084	Claimed	Statement of Div ALVES AND PERRY	San Joaquin
1700 S019086	Claimed	Statement of Div CARDOZA HOME RANCH	San Joaquin
1701 S019087	Claimed	Statement of Div FAY RANCH INC.	Sacramento
1702 S019089	Claimed	Statement of Div CARDOZA HOME RANCH	San Joaquin
1703 S019090	Claimed	Statement of Div FAY RANCH INC.	Sacramento
1704 S019092	Claimed	Statement of Div CARDOZA HOME RANCH	San Joaquin
1705 S019095	Claimed	Statement of Div EDDY JO CARDOZA	San Joaquin
1706 S019098	Claimed	Statement of Div CARDOZA HOME RANCH	San Joaquin
1707 S019099	Claimed	Statement of Div FAY RANCH INC.	Sacramento
1708 S019101	Claimed	Statement of Div EDDY JO CARDOZA	San Joaquin
1709 S019106	Claimed	Statement of Div MUELA FARMS	San Joaquin
1710 S019107	Claimed	Statement of Div GEORGIANA PROPERTIES	Sacramento
1711 S019108	Claimed	Statement of Div STURTZ RANCH LLC	Sacramento
1712 S019110	Claimed	Statement of Div EDDY JO CARDOZA	San Joaquin
1713 S019111	Claimed	Statement of Div Jack Larkin	San Joaquin
1714 S019112	Claimed	Statement of Div CITY OF TRACY	San Joaquin
1715 S019114	Claimed	Statement of Div MARIA O PIMENTEL	San Joaquin
1716 S019115	Claimed	Statement of Div JAMES OLIVEIRA	San Joaquin
1717 S019116	Claimed	Statement of Div JAMES SALISBURY	Sacramento

1718 S019118	Claimed	Statement of Div Ensher, Alexander and Barsoom, INC.	San Joaquin
1719 S019120	Claimed	Statement of Div JOHN C KELLEY PROPERTIES LLC	San Joaquin
1720 S019121	Claimed	Statement of Div S PELLEGRINI AND SONS	San Joaquin
1721 S019123	Claimed	Statement of Div JOHN C KELLEY PROPERTIES LLC	San Joaquin
1722 S019124	Claimed	Statement of Div S PELLEGRINI AND SONS	San Joaquin
1723 S019126	Claimed	Statement of Div FAY LOUIE	Contra Costa
1724 S019127	Claimed	Statement of Div Ensher, Alexander and Barsoom, INC.	San Joaquin
1725 S019129	Claimed	Statement of Div JOHN C KELLEY PROPERTIES LLC	San Joaquin
1726 S019130	Claimed	Statement of Div Ensher, Alexander and Barsoom, INC.	San Joaquin
1727 S019132	Claimed	Statement of Div JOHN C KELLEY PROPERTIES LLC	San Joaquin
1728 S019133	Claimed	Statement of Div NORMA HELEN BORGES	San Joaquin
1729 S019135	Claimed	Statement of Div PIMENTEL AND SON DAIRY	San Joaquin
1730 S019141	Claimed	Statement of Div John Armanino	San Joaquin
1731 S019142	Claimed	Statement of Div Guillermo Perez	San Joaquin
1732 S019144	Claimed	Statement of Div JOHN C KELLEY PROPERTIES LLC	San Joaquin
1733 S019145	Claimed	Statement of Div JOHN C KELLEY PROPERTIES LLC	San Joaquin
1734 S019146	Claimed	Statement of Div RICHARD AND MIKKI RIELLA 2006 FAMILY TRUST	San Joaquin
1735 S019147	Claimed	Statement of Div JOHN C KELLEY PROPERTIES LLC	San Joaquin
1736 S019148	Claimed	Statement of Div THOMAS E POMBO TRS	San Joaquin
1737 S019149	Claimed	Statement of Div Antonio I Martin	San Joaquin
1738 S019150	Claimed	Statement of Div JOHN C KELLEY PROPERTIES LLC	San Joaquin
1739 S019156	Claimed	Statement of Div ROBERT HILARIDES	Sacramento
1740 S019159	Claimed	Statement of Div ROBERT HILARIDES	Sacramento
1741 S019165	Claimed	Statement of Div STEVE MELLO	Sacramento
1742 S019170	Claimed	Statement of Div Gary Caffese	San Joaquin
1743 S019173	Claimed	Statement of Div Gary Caffese	San Joaquin
1744 S019176	Claimed	Statement of Div John Edward Braas	San Joaquin
1745 S019178	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1746 S019181	Claimed	Statement of Div THE NATURE CONSERVANCY	San Joaquin
1747 S019182	Claimed	Statement of Div John Edward Braas	San Joaquin
1748 S019219	Claimed	Statement of Div JIM R CHANCE	Solano
1749 S019224	Claimed	Statement of Div PETERSEN ESTATE COMPANY	Solano
1750 S019227	Claimed	Statement of Div Petersen Ranch	Solano
1751 S019231	Claimed	Statement of Div Tony Silva	San Joaquin
1752 S019242	Claimed	Statement of Div PETERSEN ESTATE COMPANY	Solano
1753 S019250	Claimed	Statement of Div Rindge Tract Partners LLC	San Joaquin
1754 S019251	Claimed	Statement of Div Rindge Tract Partners LLC	San Joaquin
1755 S019253	Claimed	Statement of Div Rindge Tract Partners LLC	San Joaquin
1756 S019255	Claimed	Statement of Div Victoria Island LP	San Joaquin
1757 S019256	Claimed	Statement of Div Rindge Tract Partners LLC	San Joaquin
1758 S019257	Claimed	Statement of Div Clara A. Maria	Solano
1759 S019258	Claimed	Statement of Div Victoria Island LP	San Joaquin
1760 S019259	Claimed	Statement of Div Rindge Tract Partners LLC	San Joaquin
1761 S019261	Claimed	Statement of Div Willow Tree Farms & Preserve, LLC	San Joaquin
1762 S019262	Claimed	Statement of Div Rindge Tract Partners LLC	San Joaquin
1763 S019265	Claimed	Statement of Div Rindge Tract Partners LLC	San Joaquin
1764 S019268	Claimed	Statement of Div Willow Tree Farms & Preserve, LLC	San Joaquin
1765 S019270	Claimed	Statement of Div Victoria Island LP	San Joaquin

1766	S019273	Claimed	Statement of Div Jason Spaletta	San Joaquin
1767	S019276	Claimed	Statement of Div Barger et al	San Joaquin
1768	S019277	Claimed	Statement of Div Diane Young	San Joaquin
1769	S019280	Claimed	Statement of Div Willow Tree Farms & Preserve, LLC	San Joaquin
1770	S019302	Claimed	Statement of Div TOWER PARK VILLAGE OWNERS ASSC.	San Joaquin
1771	S019305	Claimed	Statement of Div TOWER PARK VILLAGE OWNERS ASSC.	San Joaquin
1772	S019308	Claimed	Statement of Div THE ROBERT AND GERALDINE M. JAMES LIVING TRUST	Sacramento
1773	S019315	Claimed	Statement of Div Petersen Ranch	Solano
1774	S019316	Claimed	Statement of Div JOSEPH P RATTO	San Joaquin
1775	S019318	Claimed	Statement of Div JOSEPH P RATTO	San Joaquin
1776	S019319	Claimed	Statement of Div JOSEPH P RATTO	San Joaquin
1777	S019320	Claimed	Statement of Div Rivermaid Land Company	Sacramento
1778	S019321	Claimed	Statement of Div SARALE ET AL.	San Joaquin
1779	S019322	Claimed	Statement of Div JOSEPH P RATTO	San Joaquin
1780	S019323	Claimed	Statement of Div Point Ranch Partners LLC	Sacramento
1781	S019324	Claimed	Statement of Div BROADWAY CANAL RANCH	San Joaquin
1782	S019326	Claimed	Statement of Div Point Ranch Partners LLC	Sacramento
1783	S019327	Claimed	Statement of Div Gregory Torlai	San Joaquin
1784	S019329	Claimed	Statement of Div Barbara J Ohm	San Joaquin
1785	S019330	Claimed	Statement of Div BROADWAY CANAL RANCH	San Joaquin
1786	S019333	Claimed	Statement of Div BROADWAY CANAL RANCH	San Joaquin
1787	S019334	Claimed	Statement of Div SAN JOAQUIN DELTA FARMS INC.	San Joaquin
1788	S019336	Claimed	Statement of Div Gregory Torlai	San Joaquin
1789	S019339	Claimed	Statement of Div BROADWAY CANAL RANCH	San Joaquin
1790	S019342	Claimed	Statement of Div THEODORE WITT	San Joaquin
1791	S019343	Claimed	Statement of Div SAN JOAQUIN DELTA FARMS INC.	San Joaquin
1792	S019345	Claimed	Statement of Div ANDREW P. SOLARI	San Joaquin
1793	S019347	Claimed	Statement of Div Rivermaid Land Company	Sacramento
1794	S019348	Claimed	Statement of Div ANDREW P. SOLARI	San Joaquin
1795	S019349	Claimed	Statement of Div WALNUT GROVE LAND COMPANY	Sacramento
1796	S019350	Claimed	Statement of Div ROBINSON DIVERSIFIED FARMS #2	San Joaquin
1797	S019351	Claimed	Statement of Div RECLAMATION DISTRICT #2039	San Joaquin
1798	S019352	Claimed	Statement of Div WALNUT GROVE LAND COMPANY	Sacramento
1799	S019353	Claimed	Statement of Div LAFAYETTE RANCH	San Joaquin
1800	S019354	Claimed	Statement of Div RECLAMATION DISTRICT #2039	San Joaquin
1801	S019355	Claimed	Statement of Div Wilson Land Limited	Sacramento
1802	S019356	Claimed	Statement of Div RIO BLANCO RANCH	San Joaquin
1803	S019357	Claimed	Statement of Div Point Ranch Partners LLC	Sacramento
1804	S019358	Claimed	Statement of Div CHILES AND MARIAN WILSON BYPASS TRUST	Sacramento
1805	S019359	Claimed	Statement of Div Woods Robinson Vasquez	San Joaquin
1806	S019360	Claimed	Statement of Div Rivermaid Land Company	Sacramento
1807	S019361	Claimed	Statement of Div Wilson Land Limited	Sacramento
1808	S019362	Claimed	Statement of Div MICHAEL J. ROBINSON	San Joaquin
1809	S019363	Claimed	Statement of Div Wilson Land Limited	Sacramento
1810	S019365	Claimed	Statement of Div ROBINSON FAMILY RANCH #4	San Joaquin
1811	S019366	Claimed	Statement of Div Wilson Land Limited	Sacramento
1812	S019368	Claimed	Statement of Div RIO BLANCO RANCH	San Joaquin
1813	S019369	Claimed	Statement of Div BRIAN AND TERESA MACHADO TRUST	Sacramento

1814	S019371	Claimed	Statement of Div	ROBINSON DIVERSIFIED FARMS #2	San Joaquin
1815	S019372	Claimed	Statement of Div	PACIFIC FRUIT FARMS	Sacramento
1816	S019374	Claimed	Statement of Div	RIO BLANCO RANCH	San Joaquin
1817	S019375	Claimed	Statement of Div	PACIFIC FRUIT FARMS	Sacramento
1818	S019376	Claimed	Statement of Div	DONNA L REED	Sacramento
1819	S019377	Claimed	Statement of Div	Rivermaid Land Company	Sacramento
1820	S019378	Claimed	Statement of Div	Rivermaid Land Company	Sacramento
1821	S019379	Claimed	Statement of Div	JOHN SOTO	Yolo
1822	S019380	Claimed	Statement of Div	Rivermaid Land Company	Sacramento
1823	S019381	Claimed	Statement of Div	Jerry N. ROBINSON	San Joaquin
1824	S019393	Claimed	Statement of Div	Victoria Island LP	San Joaquin
1825	S019396	Claimed	Statement of Div	Victoria Island LP	San Joaquin
1826	S019398	Claimed	Statement of Div	MANUAL BORGES	San Joaquin
1827	S019399	Claimed	Statement of Div	Victoria Island LP	San Joaquin
1828	S019401	Claimed	Statement of Div	Karl Jensen & Sons	San Joaquin
1829	S019402	Claimed	Statement of Div	HERITAGE LAND COMPANY, INC.	San Joaquin
1830	S019404	Claimed	Statement of Div	Paul Larson	San Joaquin
1831	S019405	Claimed	Statement of Div	HOWARD SAKAI	Yolo
1832	S019407	Claimed	Statement of Div	ANDREW P. SOLARI	San Joaquin
1833	S019408	Claimed	Statement of Div	Enver M. Salman & Cynthia J. Salman Revocable Living Trust	Sacramento
1834	S019410	Claimed	Statement of Div	ANDREW P. SOLARI	San Joaquin
1835	S019411	Claimed	Statement of Div	Enver M. Salman & Cynthia J. Salman Revocable Living Trust	Sacramento
1836	S019413	Claimed	Statement of Div	ANDREW P. SOLARI	San Joaquin
1837	S019414	Claimed	Statement of Div	Enver Salman	Sacramento
1838	S019418	Claimed	Statement of Div	Scannavino Properties I	San Joaquin
1839	S019419	Claimed	Statement of Div	E. Benny & Donna M. Warner Joint Living Trust	Sacramento
1840	S019424	Claimed	Statement of Div	CERRI & SON	San Joaquin
1841	S019431	Inactive	Statement of Div	Frederick J. and Bernard F. Damele	
1842	S019434	Inactive	Statement of Div	Frederick J. and Bernard F. Damele	
1843	S019437	Inactive	Statement of Div	Frederick J. and Bernard F. Damele	
1844	S019440	Claimed	Statement of Div	B&R te Velde Ranch	San Joaquin
1845	S019443	Claimed	Statement of Div	B&R te Velde Ranch	San Joaquin
1846	S019444	Claimed	Statement of Div	Robert J. and Nivia Silva Trust 8-31-08	San Joaquin
1847	S019446	Claimed	Statement of Div	B&R te Velde Ranch	San Joaquin
1848	S019448	Claimed	Statement of Div	Klein Family Ranches	San Joaquin
1849	S019450	Claimed	Statement of Div	Klein Family Ranches	San Joaquin
1850	S019451	Claimed	Statement of Div	Klein Family Ranches	San Joaquin
1851	S019453	Claimed	Statement of Div	Klein Family Ranches	San Joaquin
1852	S019454	Claimed	Statement of Div	Klein Family Ranches	San Joaquin
1853	S019456	Claimed	Statement of Div	Klein Family Ranches	San Joaquin
1854	S019457	Claimed	Statement of Div	Klein Family Ranches	San Joaquin
1855	S019459	Claimed	Statement of Div	Klein Family Ranches	San Joaquin
1856	S019460	Claimed	Statement of Div	Klein Family Ranches	San Joaquin
1857	S019461	Claimed	Statement of Div	Jerry A. & Margret E. Dusa Family Trust of 1994	Sacramento
1858	S019462	Claimed	Statement of Div	Klein Family Ranches	San Joaquin
1859	S019463	Claimed	Statement of Div	Klein Family Ranches	San Joaquin
1860	S019464	Claimed	Statement of Div	PACIFIC FRUIT FARMS	Sacramento
1861	S019465	Claimed	Statement of Div	Klein Family Ranches	San Joaquin

1862	S019466	Claimed	Statement of Div Klein Family Ranches	San Joaquin
1863	S019467	Claimed	Statement of Div Daniel & Mary Wilson Probate Trust	Sacramento
1864	S019468	Claimed	Statement of Div Marlene Rizzi, Larry Pellegrini & Giovannoni Trust	San Joaquin
1865	S019469	Claimed	Statement of Div Klein Family Ranches	San Joaquin
1866	S019472	Claimed	Statement of Div Klein Family Ranches	San Joaquin
1867	S019475	Claimed	Statement of Div Klein Family Ranches	San Joaquin
1868	S019476	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1869	S019479	Claimed	Statement of Div B&R te Velde Ranch	San Joaquin
1870	S019480	Claimed	Statement of Div KRULL, BURNICE A LP #1	Yolo
1871	S019481	Claimed	Statement of Div Kampgrounds of America, Inc.	San Joaquin
1872	S019482	Claimed	Statement of Div JACK KLEIN TRUST PARTNERSHIP	San Joaquin
1873	S019483	Claimed	Statement of Div Kuhagen Revocable Living Trust	Yolo
1874	S019486	Claimed	Statement of Div JACK KLEIN TRUST PARTNERSHIP	San Joaquin
1875	S019488	Claimed	Statement of Div Riella Ranches Tracy Ranch, LLC	San Joaquin
1876	S019489	Claimed	Statement of Div JACK KLEIN TRUST PARTNERSHIP	San Joaquin
1877	S019495	Claimed	Statement of Div MARCHINI LAND COMPANY PTP	San Joaquin
1878	S019497	Claimed	Statement of Div JACK KLEIN TRUST PARTNERSHIP	San Joaquin
1879	S019498	Claimed	Statement of Div RICHARD B MARCHINI	San Joaquin
1880	S019500	Claimed	Statement of Div Jack Klein Trust Partership	San Joaquin
			SJ Delta Farms Inc./Willow Tree Farms & Preserve LLC, Attn: Carol	
1881	S019501	Claimed	Statement of Div Watkins	San Joaquin
1882	S019503	Claimed	Statement of Div Richard & Debbie Marchini	San Joaquin
1883	S019504	Claimed	Statement of Div Sergio Martinez	Yolo
1884	S019506	Claimed	Statement of Div Richard & Debbie Marchini	San Joaquin
1885	S019507	Claimed	Statement of Div M & H Realty Partners VI. L. P.	Sacramento
1886	S019509	Claimed	Statement of Div Marchini Land Company	San Joaquin
1887	S019510	Claimed	Statement of Div M & H Realty Partners VI. L. P.	Sacramento
1888	S019512	Claimed	Statement of Div Marchini Land Company	San Joaquin
1889	S019538	Claimed	Statement of Div Lamb-Gianelli Family Limited Partnership	San Joaquin
1890	S019541	Claimed	Statement of Div Lamb-Gianelli Family Limited Partnership	San Joaquin
1891	S019544	Claimed	Statement of Div Lamb-Gianelli Family Limited Partnership	San Joaquin
1892	S019549	Claimed	Statement of Div University of the Pacific	San Joaquin
1893	S019551	Claimed	Statement of Div Viera/Mather	San Joaquin
1894	S019552	Claimed	Statement of Div University of the Pacific	San Joaquin
1895	S019554	Claimed	Statement of Div Wilcox Holland Family Trust	Yolo
1896	S019555	Claimed	Statement of Div Don Widmer	San Joaquin
1897	S019560	Claimed	Statement of Div Louis & Beverly C. Viera	San Joaquin
1898	S019561	Claimed	Statement of Div Don Widmer	San Joaquin
1899	S019564	Claimed	Statement of Div Don Widmer	San Joaquin
1900	S019567	Claimed	Statement of Div Dorothy Wheeler	Sacramento
1901	S019569	Claimed	Statement of Div Daniel & Cecilia Rodgers	San Joaquin
1902	S019573	Claimed	Statement of Div Kampgrounds of America, Inc.	San Joaquin
1903	S019578	Claimed	Statement of Div SEYMOUR RANCH, LLC	Sacramento
1904	S019580	Claimed	Statement of Div Jack Klein Trust Partership	San Joaquin
1905	S019582	Claimed	Statement of Div Jack Klein Trust Partership	San Joaquin
1906	S019583	Claimed	Statement of Div Jack Klein Trust Partership	San Joaquin
1907	S019585	Claimed	Statement of Div Jack Klein Trust Partership	San Joaquin
1908	S019588	Claimed	Statement of Div Jack Klein Trust Partership	San Joaquin

1909	S019590	Claimed	Statement of Div	Marlin & Ann Scott Limited Trust	San Joaquin
1910	S019591	Claimed	Statement of Div	Richard G. Klein Family Limited Partnership	San Joaquin
1911	S019596	Claimed	Statement of Div	Kuhagen Revocable Living Trust	Yolo
1912	S019597	Claimed	Statement of Div	Diane Simoni Trust	San Joaquin
1913	S019599	Claimed	Statement of Div	Jack Klein Trust Partership	San Joaquin
1914	S019600	Inactive	Statement of Div	Dianne Simoni Trust	
1915	S019602	Claimed	Statement of Div	JACK KLEIN TRUST PARTNERSHIP	San Joaquin
1916	S019603	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin
1917	S019605	Claimed	Statement of Div	JACK KLEIN TRUST PARTNERSHIP	San Joaquin
1918	S019606	Claimed	Statement of Div	Rivermaid Land Company	Sacramento
1919	S019609	Claimed	Statement of Div	Robert Arceo	Sacramento
1920	S019612	Claimed	Statement of Div	DMP Properties LLC	San Joaquin
1921	S019613	Claimed	Statement of Div	Nat Bacchetti	San Joaquin
1922	S019614	Claimed	Statement of Div	McElvain Family Trust	Sacramento
1923	S019618	Claimed	Statement of Div	Kampgrounds of America, Inc.	San Joaquin
1924	S019620	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin
1925	S019623	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin
1926	S019624	Claimed	Statement of Div	Frances Fisher	Sacramento
1927	S019626	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin
1928	S019629	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin
1929	S019630	Claimed	Statement of Div	Walter J Silva	Sacramento
1930	S019632	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin
1931	S019633	Claimed	Statement of Div	Randy R. Valenzano	Yolo
1932	S019635	Claimed	Statement of Div	H. Denis Van De Maele	Sacramento
1933	S019636	Claimed	Statement of Div	Kampgrounds of America, Inc.	San Joaquin
1934	S019638	Claimed	Statement of Div	H. Denis Van De Maele	Sacramento
1935	S019639	Claimed	Statement of Div	LAGORIO PROPERTIES LP	San Joaquin
1936	S019641	Claimed	Statement of Div	H. Denis Van De Maele	Sacramento
1937	S019644	Claimed	Statement of Div	Frances Fisher	Sacramento
1938	S019650	Claimed	Statement of Div	Ada Ann Scott	Sacramento
1939	S019656	Claimed	Statement of Div	Ann Robinson	Sacramento
1940	S019659	Claimed	Statement of Div	Mark Francis	Sacramento
1941	S019679	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin
1942	S019680	Claimed	Statement of Div	Paul J. and Angie Marchini TR	San Joaquin
1943	S019681	Claimed	Statement of Div	PESCADERO RECLAMATION DIST NO 2058	San Joaquin
1944	S019682	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin
1945	S019683	Claimed	Statement of Div	Reynolds, Jean Carole ETAL	San Joaquin
1946	S019684	Claimed	Statement of Div	PESCADERO RECLAMATION DIST NO 2058	San Joaquin
1947	S019685	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin
1948	S019686	Claimed	Statement of Div	James Larkin	San Joaquin
1949	S019687	Claimed	Statement of Div	PESCADERO RECLAMATION DIST NO 2058	San Joaquin
1950	S019688	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin
1951	S019689	Claimed	Statement of Div	RICHARD MARCUCCI	San Joaquin
1952	S019690	Claimed	Statement of Div	PESCADERO RECLAMATION DIST NO 2058	San Joaquin
1953	S019691	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin
1954	S019692	Claimed	Statement of Div	DGBRMB Family LP	San Joaquin
1955	S019693	Claimed	Statement of Div	PESCADERO RECLAMATION DIST NO 2058	San Joaquin
1956	S019694	Claimed	Statement of Div	MAIN STONE CORPORATION	San Joaquin

1957 S019695	Claimed	Statement of Div Scannavino Properties I	San Joaquin
1958 S019696	Claimed	Statement of Div PESCADERO RECLAMATION DIST NO 2058	San Joaquin
1959 S019698	Claimed	Statement of Div Scannavino Properties I	San Joaquin
1960 S019699	Claimed	Statement of Div PESCADERO RECLAMATION DIST NO 2058	San Joaquin
1961 S019702	Claimed	Statement of Div PESCADERO RECLAMATION DIST NO 2058	San Joaquin
1962 S019707	Claimed	Statement of Div DBE - Elliot Family Co., LLC	Sacramento
1963 S019709	Claimed	Statement of Div PESCADERO RECLAMATION DIST NO 2058	San Joaquin
1964 S019713	Claimed	Statement of Div ANITA J MERLO	San Joaquin
1965 S019716	Claimed	Statement of Div ANITA MERLO	San Joaquin
1966 S019719	Claimed	Statement of Div ANITA MERLO	San Joaquin
1967 S019722	Claimed	Statement of Div ANITA MERLO	San Joaquin
1968 S019727	Claimed	Statement of Div JOHN M. VALADAO	San Joaquin
1969 S019730	Claimed	Statement of Div ARNAUDO BROTHERS	San Joaquin
1970 S019733	Claimed	Statement of Div THE ESTATE OF ANGELINA MERLO	San Joaquin
1971 S019736	Claimed	Statement of Div ANITA MERLO	San Joaquin
1972 S019737	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1973 S019740	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
1974 S019741	Claimed	Statement of Div Wilson Vineyard Properties	Yolo
1975 S019743	Claimed	Statement of Div LORY C MUSSI INVEST LP	San Joaquin
1976 S019744	Claimed	Statement of Div WILSON FARMS	Yolo
1977 S019746	Claimed	Statement of Div WILSON FARMS	Yolo
1978 S019748	Claimed	Statement of Div WILSON FARMS	Yolo
1979 S019749	Claimed	Statement of Div WILSON FARMS	Yolo
1980 S019752	Claimed	Statement of Div WILSON FARMS	Yolo
1981 S019755	Claimed	Statement of Div WILSON FARMS	Yolo
1982 S019758	Claimed	Statement of Div WILSON FARMS	Yolo
1983 S019761	Claimed	Statement of Div WILSON FARMS	Yolo
1984 S019764	Claimed	Statement of Div WILSON FARMS	Yolo
1985 S019767	Claimed	Statement of Div WILSON FARMS	Yolo
1986 S019770	Claimed	Statement of Div WILSON FARMS	Yolo
1987 S019773	Claimed	Statement of Div WILSON FARMS	Yolo
1988 S019778	Claimed	Statement of Div MARIE L GREEN	Sacramento
1989 S019781	Claimed	Statement of Div MARIE L GREEN	Sacramento
1990 S019784	Claimed	Statement of Div WURSTER RANCHES, LP	Sacramento
1991 S019787	Claimed	Statement of Div WURSTER RANCHES, LP	Sacramento
1992 S019788	Claimed	Statement of Div CHARLOTTE BETH ROBBINS	Sacramento
1993 S019790	Claimed	Statement of Div WURSTER RANCHES, LP	Sacramento
1994 S019791	Claimed	Statement of Div JULIE SANDINO	Sacramento
1995 S019793	Claimed	Statement of Div TOWNE ENTERPRISES	Sacramento
1996 S019794	Claimed	Statement of Div CHARLOTTE BETH ROBBINS	Sacramento
1997 S019796	Claimed	Statement of Div TOWNE ENTERPRISES	Sacramento
1998 S019799	Claimed	Statement of Div SWG DELTA VINEYARDS, LLC	Sacramento
1999 S019801	Claimed	Statement of Div Ed Boyles Ranch	Yolo
2000 S019802	Claimed	Statement of Div TOWNE ENTERPRISES	Sacramento
2001 S019804	Claimed	Statement of Div Lum Bunn Sons	Sacramento
2002 S019807	Claimed	Statement of Div M. E. Seebeck, Jr.	Sacramento
2003 S019808	Claimed	Statement of Div SWG DELTA VINEYARDS, LLC	Sacramento
2004 S019811	Claimed	Statement of Div James de Fremery IV	San Joaquin

2005	S019812	Claimed	Statement of Div CITY OF STOCKTON	San Joaquin
2006	S019813	Claimed	Statement of Div Margery H. Strass	San Joaquin
2007	S019814	Claimed	Statement of Div George L. Barber	San Joaquin
2008	S019816	Claimed	Statement of Div Margery H. Strass	San Joaquin
2009	S019817	Claimed	Statement of Div James de Fremery IV	San Joaquin
2010	S019818	Claimed	Statement of Div Delta Beach Properties Inc.	Sacramento
2011	S019819	Claimed	Statement of Div Margery H. Strass	San Joaquin
2012	S019820	Claimed	Statement of Div Marc Marchini	San Joaquin
2013	S019821	Claimed	Statement of Div Delta Beach Properties Inc.	Sacramento
2014	S019822	Claimed	Statement of Div James de Fremery IV	San Joaquin
2015	S019823	Claimed	Statement of Div A.M. Farms	San Joaquin
2016	S019824	Claimed	Statement of Div Karan L. Toland	Contra Costa
2017	S019825	Claimed	Statement of Div Thomas E. Baldocchi	Contra Costa
2018	S019826	Claimed	Statement of Div Robert J. Barber	San Joaquin
2019	S019827	Claimed	Statement of Div Delta Beach Properties Inc.	Sacramento
2020	S019828	Claimed	Statement of Div James de Fremery IV	San Joaquin
2021	S019829	Claimed	Statement of Div A.M. Farms	San Joaquin
2022	S019830	Claimed	Statement of Div Joseph T Sanchez	Sacramento
2023	S019831	Claimed	Statement of Div James de Fremery IV	San Joaquin
2024	S019833	Claimed	Statement of Div WALNUT GROVE LAND COMPANY	Sacramento
2025	S019834	Claimed	Statement of Div James de Fremery IV	San Joaquin
2026	S019836	Claimed	Statement of Div WALNUT GROVE LAND COMPANY	Sacramento
2027	S019837	Claimed	Statement of Div James de Fremery IV	San Joaquin
2028	S019838	Claimed	Statement of Div Anthony R. Castanho	Sacramento
2029	S019839	Claimed	Statement of Div Michael Gleary Trust	Sacramento
2030	S019840	Claimed	Statement of Div James de Fremery IV	San Joaquin
2031	S019841	Claimed	Statement of Div Chiles & Marian Wilson Bypass Trust	Sacramento
2032	S019842	Claimed	Statement of Div RIVER MAID LAND LTD	Sacramento
2033	S019843	Claimed	Statement of Div James de Fremery IV	San Joaquin
2034	S019844	Claimed	Statement of Div Leslie Medina	Sacramento
2035	S019845	Claimed	Statement of Div Cliff Wilcox	Sacramento
2036	S019846	Claimed	Statement of Div Dennis Leary Trust 11/19/1990	Sacramento
2037	S019850	Claimed	Statement of Div William A. Johnson	Sacramento
2038	S019852	Claimed	Statement of Div Cliff Wilcox	Sacramento
2039	S019856	Claimed	Statement of Div Anthony R. Castanho	Sacramento
2040	S019859	Claimed	Statement of Div Dennis A. Bruggman	Yolo
2041	S019862	Claimed	Statement of Div Jeff Barry	Sacramento
2042	S019864	Claimed	Statement of Div Ebenny & Donna M. Warner Joint Living Trust	Sacramento
2043	S019865	Claimed	Statement of Div JOE SANCHEZ FARMS INC	Sacramento
2044	S019868	Claimed	Statement of Div Leary etal	Sacramento
2045	S019870	Claimed	Statement of Div Craig Revocable Trust	Sacramento
2046	S019871	Claimed	Statement of Div BRIAN AND TERESA MACHADO TRUST	Sacramento
2047	S019874	Claimed	Statement of Div PACIFIC FRUIT FARMS	Sacramento
2048	S019878	Claimed	Statement of Div L & M Farms, LLC	San Joaquin
2049	S019880	Claimed	Statement of Div Ensher, Alexander and Barsoom, INC.	Yolo
2050	S019883	Claimed	Statement of Div Ensher, Alexander and Barsoom, INC.	Yolo
2051	S019886	Claimed	Statement of Div Ensher, Alexander and Barsoom, INC.	Yolo
2052	S019889	Claimed	Statement of Div STEPHEN BARSOOM	Solano

2053	S019892	Claimed	Statement of Div STEPHEN BARSOOM	Solano
2054	S019895	Claimed	Statement of Div STEPHEN BARSOOM	Solano
2055	S019898	Claimed	Statement of Div STEPHEN BARSOOM	Solano
2056	S019907	Claimed	Statement of Div Frank Costa	San Joaquin
2057	S019910	Claimed	Statement of Div Elmer and A. Molini, COTRS, etal	San Joaquin
2058	S019912	Claimed	Statement of Div DONNA L REED	Sacramento
2059	S019913	Claimed	Statement of Div Elmer and A. Molini, COTRS, etal	San Joaquin
2060	S019915	Claimed	Statement of Div Norman Marks	Sacramento
2061	S019916	Claimed	Statement of Div Elmer and A. Molini, COTRS, etal	San Joaquin
2062	S019918	Claimed	Statement of Div Edward McDowell	Sacramento
2063	S019919	Claimed	Statement of Div Elmer and A. Molini, COTRS, etal	San Joaquin
2064	S019921	Claimed	Statement of Div JOHN MCCORMACK COMPANY INC	Sacramento
2065	S019923	Claimed	Statement of Div Ada Ann Scott	Solano
2066	S019930	Claimed	Statement of Div Elmer and A. Molini, COTRS, etal	San Joaquin
2067	S019934	Claimed	Statement of Div Robert Phillips	San Joaquin
2068	S019939	Claimed	Statement of Div Elmer and A. Molini, COTRS, etal	San Joaquin
2069	S019942	Claimed	Statement of Div Elmer and A. Molini, COTRS, etal	San Joaquin
2070	S019960	Claimed	Statement of Div Michael Vieira	San Joaquin
2071	S019977	Claimed	Statement of Div Kevin Jones	San Joaquin
2072	S020007	Claimed	Statement of Div SKY RACKERS DUCK CLUC	Yolo
2073	S020009	Claimed	Statement of Div ALICE WHITMAN	San Joaquin
2074	S020011	Claimed	Statement of Div David W Nuss	San Joaquin
2075	S020012	Claimed	Statement of Div David W Nuss	San Joaquin
2076	S020013	Claimed	Statement of Div David W Nuss	San Joaquin
2077	S020016	Claimed	Statement of Div Ray Peterson	Sacramento
2078	S020026	Claimed	Statement of Div Alegario Palido	Solano
2079	S020027	Claimed	Statement of Div Greenfields Turf, Inc	Sacramento
2080	S020030	Claimed	Statement of Div Glenn Rosensteel	Sacramento
2081	S020031	Claimed	Statement of Div Teresa Dixon	San Joaquin
2082	S020032	Claimed	Statement of Div Jose L Torres	San Joaquin
2083	S020037	Claimed	Statement of Div Tony Rosenthal	Sacramento
2084	S020038	Claimed	Statement of Div Tony Rosenthal	Sacramento
2085	S020039	Claimed	Statement of Div Tony Rosenthal	Sacramento
2086	S020040	Claimed	Statement of Div L & L FARMS, LLC	San Joaquin
2087	S020041	Claimed	Statement of Div L & L FARMS, LLC	San Joaquin
2088	S020042	Claimed	Statement of Div L & L FARMS, LLC	San Joaquin
2089	S020043	Claimed	Statement of Div L & L FARMS, LLC	San Joaquin
2090	S020044	Claimed	Statement of Div L & L FARMS, LLC	San Joaquin
2091	S020045	Claimed	Statement of Div L & L FARMS, LLC	San Joaquin
2092	S020046	Claimed	Statement of Div L & L FARMS, LLC	San Joaquin
2093	S020047	Claimed	Statement of Div Edward McDowell	Sacramento
2094	S020048	Claimed	Statement of Div Edward McDowell	Sacramento
2095	S020049	Claimed	Statement of Div Edward McDowell	Sacramento
2096	S020050	Claimed	Statement of Div MARTINELLI BROS	Sacramento
2097	S020061	Claimed	Statement of Div Edward McDowell	Sacramento
2098	S020068	Claimed	Statement of Div Shadowbird Inc	San Joaquin
2099	S020070	Claimed	Statement of Div Muzio Farms, Inc	San Joaquin
2100	S020071	Claimed	Statement of Div Muzio Farms, Inc	San Joaquin

2101	S020072	Claimed	Statement of Div Muzio Farms, Inc	San Joaquin
2102	S020073	Claimed	Statement of Div Muzio Farms, Inc	San Joaquin
2103	S020074	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
2104	S020075	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
2105	S020076	Claimed	Statement of Div Donald F Rodgers	San Joaquin
2106	S020077	Claimed	Statement of Div Emily Cabral	San Joaquin
2107	S020081	Claimed	Statement of Div Frank T Silva Sr	San Joaquin
2108	S020082	Claimed	Statement of Div Maria Sheridan	San Joaquin
2109	S020085	Claimed	Statement of Div R & M RANCH PTP	San Joaquin
2110	S020089	Claimed	Statement of Div R & M RANCH PTP	San Joaquin
2111	S020093	Claimed	Statement of Div R & M RANCH PTP	San Joaquin
2112	S020095	Claimed	Statement of Div STATE OF CA, DEPT. OF WATER RESOURCES	Contra Costa
2113	S020099	Claimed	Statement of Div STATE OF CA, DEPT. OF WATER RESOURCES	Contra Costa
2114	S020103	Claimed	Statement of Div STATE OF CA, DEPT. OF WATER RESOURCES	Contra Costa
2115	S020104	Claimed	Statement of Div Hastings Island Land Company	Solano
2116	S020107	Claimed	Statement of Div STATE OF CA, DEPT. OF WATER RESOURCES	Contra Costa
2117	S020108	Claimed	Statement of Div Hastings Island Land Company	Solano
2118	S020109	Claimed	Statement of Div PAUL E STEFANI	Sacramento
2119	S020111	Claimed	Statement of Div STATE OF CA, DEPT. OF WATER RESOURCES	Contra Costa
2120	S020113	Claimed	Statement of Div Mike Mattos	San Joaquin
2121	S020115	Claimed	Statement of Div STATE OF CA, DEPT. OF WATER RESOURCES	Contra Costa
2122	S020120	Claimed	Statement of Div Cecil Rodgers	San Joaquin
2123	S020124	Claimed	Statement of Div Jose Ocon	San Joaquin
2124	S020125	Claimed	Statement of Div Pump House Ranches Inc	Sacramento
2125	S020127	Claimed	Statement of Div STATE OF CA, DEPT. OF WATER RESOURCES	Sacramento
2126	S020128	Claimed	Statement of Div Christopher Lanzatame	Solano
2127	S020137	Claimed	Statement of Div Marilyn McKapes	Yolo
2128	S020140	Claimed	Statement of Div Helene A Mattson	San Joaquin
2129	S020141	Claimed	Statement of Div Jimmy Robinson Family Trust	San Joaquin
2130	S020142	Claimed	Statement of Div Shawn Kelly	Solano
2131	S020144	Claimed	Statement of Div Natali Road Joint Pump	San Joaquin
2132	S020149	Claimed	Statement of Div PYLMAN VINEYARDS INC	Yolo
2133	S020153	Claimed	Statement of Div PYLMAN VINEYARDS INC	Yolo
2134	S020154	Claimed	Statement of Div SALLY LEE BOWLSBEY	Solano
2135	S020156	Claimed	Statement of Div Antonio Passaglia	Solano
2136	S020157	Claimed	Statement of Div PYLMAN VINEYARDS INC	Yolo
2137	S020158	Claimed	Statement of Div ROGER ZANNETTI	Solano
2138	S020163	Claimed	Statement of Div Terry Lee	Solano
2139	S020177	Claimed	Statement of Div Lindy Family Trust	Sacramento
2140	S020178	Claimed	Statement of Div David T. Lind	Sacramento
2141	S020192	Claimed	Statement of Div Frank J. Simas Jr.	San Joaquin
2142	S020193	Claimed	Statement of Div Concord Farms Duck Club	Solano
2143	S020194	Claimed	Statement of Div Concord Farms Duck Club	Solano
2144	S020200	Claimed	Statement of Div Chris Lanzafame	Solano
2145	S020203	Claimed	Statement of Div Clotilde Martin	San Joaquin
2146	S020216	Claimed	Statement of Div RC Farms Inc	San Joaquin
2147	S020217	Claimed	Statement of Div RC Farms Inc	San Joaquin
2148	S020219	Claimed	Statement of Div Charlotte Cameron	San Joaquin

2149	S020222	Claimed	Statement of Div Ron Del Carlo	San Joaquin
2150	S020223	Claimed	Statement of Div Adrianna Antonioli	San Joaquin
2151	S020224	Claimed	Statement of Div Reclamation District #684	San Joaquin
2152	S020227	Claimed	Statement of Div Ron Del Carlo	San Joaquin
2153	S020231	Claimed	Statement of Div Ron Del Carlo	San Joaquin
2154	S020235	Claimed	Statement of Div RDC Farms, Inc.	San Joaquin
2155	S020239	Claimed	Statement of Div Ron Del Carlo	San Joaquin
2156	S020248	Claimed	Statement of Div Elizabeth R. Nyland Trust	Sacramento
2157	S020252	Claimed	Statement of Div Gertrude Faria	San Joaquin
2158	S020256	Claimed	Statement of Div Glenn W Page	San Joaquin
2159	S020283	Claimed	Statement of Div Walt Koenig	Solano
2160	S020285	Claimed	Statement of Div JERRY ARTHUR SOARES	San Joaquin
2161	S020286	Claimed	Statement of Div Scully Packing Company	Solano
2162	S020297	Claimed	Statement of Div Lori R Tiago	San Joaquin
2163	S020303	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2164	S020305	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2165	S020306	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2166	S020310	Claimed	Statement of Div WALTER PANGANIBAN	San Joaquin
2167	S020318	Claimed	Statement of Div JEROME LOHR	Sacramento
2168	S020319	Claimed	Statement of Div WURSTER RANCHES, LP	Sacramento
2169	S020322	Claimed	Statement of Div A Rossi Inc	San Joaquin
2170	S020323	Claimed	Statement of Div A Rossi Inc	San Joaquin
2171	S020327	Claimed	Statement of Div RUDY MUSSI INVEST. L.P., et al, State of California	San Joaquin
2172	S020328	Claimed	Statement of Div MINNIE RATT0	San Joaquin
2173	S020329	Claimed	Statement of Div MINNIE RATT0	San Joaquin
2174	S020330	Claimed	Statement of Div THACH NGOC	San Joaquin
2175	S020331	Claimed	Statement of Div JOSEPH P RATT0	San Joaquin
2176	S020332	Claimed	Statement of Div JOSEPH P RATT0	San Joaquin
2177	S020343	Claimed	Statement of Div Joseph Bacchetti	San Joaquin
2178	S020400	Claimed	Statement of Div Maria D. Silva Trust	San Joaquin
2179	S020401	Claimed	Statement of Div Stephen Rados	San Joaquin
2180	S020402	Claimed	Statement of Div DMP Properties LLC	San Joaquin
2181	S020403	Claimed	Statement of Div The Alfred and Mabel Pombo Family Limited Partnership	San Joaquin
2182	S020404	Claimed	Statement of Div The Alfred and Mabel Pombo Family Limited Partnership	San Joaquin
2183	S020405	Claimed	Statement of Div Kuckuk Water District	San Joaquin
2184	S020406	Claimed	Statement of Div Thorsen Family Trust	San Joaquin
2185	S020407	Claimed	Statement of Div Thorsen Family Trust	San Joaquin
2186	S020408	Claimed	Statement of Div ABF Farm Services Inc.	San Joaquin
2187	S020409	Claimed	Statement of Div MAIN STONE CORPORATION	San Joaquin
2188	S020410	Claimed	Statement of Div Marcia L Salmon	San Joaquin
2189	S020411	Claimed	Statement of Div ABF Farm Services Inc.	San Joaquin
2190	S020412	Claimed	Statement of Div ABF Farm Services Inc.	San Joaquin
2191	S020414	Claimed	Statement of Div Thorsen Family Trust	San Joaquin
2192	S020415	Claimed	Statement of Div Thorsen Family Trust	San Joaquin
2193	S020416	Claimed	Statement of Div Thorsen Family Trust	San Joaquin
2194	S020434	Claimed	Statement of Div M. E. Seebeck, Jr.	Sacramento
2195	S020435	Claimed	Statement of Div Karen A Zehnder	Sacramento
2196	S020454	Claimed	Statement of Div PYLMAN VINEYARDS INC	Yolo

2197	S020455	Claimed	Statement of Div The Gregory and Linda Pomba Revocable Trust	San Joaquin
2198	S020456	Claimed	Statement of Div John C. Rocha	San Joaquin
2199	S020458	Claimed	Statement of Div PYLMAN VINEYARDS INC	Yolo
2200	S020459	Claimed	Statement of Div Ken Pombo	San Joaquin
2201	S020462	Claimed	Statement of Div RECLAMATION DISTRICT #150	Yolo
2202	S020463	Claimed	Statement of Div Alfred J Pombo Trust Etal	San Joaquin
2203	S020467	Claimed	Statement of Div Jennie Ceciliani Trust	San Joaquin
2204	S020468	Claimed	Statement of Div Warren Schmidt	San Joaquin
2205	S020469	Claimed	Statement of Div Trapper Slough Ranch Corporation	San Joaquin
2206	S020471	Claimed	Statement of Div John C. Rocha	San Joaquin
2207	S020472	Claimed	Statement of Div Trapper Slough Ranch Corporation	San Joaquin
2208	S020473	Claimed	Statement of Div Trapper Slough Ranch Corporation	San Joaquin
2209	S020475	Claimed	Statement of Div John C. Rocha	San Joaquin
2210	S020479	Claimed	Statement of Div John C. Rocha	San Joaquin
2211	S020480	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2212	S020481	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2213	S020483	Claimed	Statement of Div ZUCKERMAN-HERITAGE INC	San Joaquin
2214	S020484	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2215	S020485	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2216	S020488	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2217	S020489	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2218	S020491	Claimed	Statement of Div Clavius Club Company LLC	San Joaquin
2219	S020492	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2220	S020493	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2221	S020494	Claimed	Statement of Div Linda Kitzmiller	San Joaquin
2222	S020495	Claimed	Statement of Div Clavius Club Company LLC	San Joaquin
2223	S020496	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2224	S020497	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2225	S020498	Claimed	Statement of Div Linda Kitzmiller	San Joaquin
2226	S020499	Claimed	Statement of Div Clavius Club Company LLC	San Joaquin
2227	S020500	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2228	S020501	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2229	S020503	Claimed	Statement of Div Clavius Club Company LLC	San Joaquin
2230	S020504	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2231	S020505	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2232	S020507	Claimed	Statement of Div Clavius Club Company LLC	San Joaquin
2233	S020508	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2234	S020509	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2235	S020511	Claimed	Statement of Div Clavius Club Company LLC	San Joaquin
2236	S020512	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2237	S020515	Claimed	Statement of Div Clavius Club Company LLC	San Joaquin
2238	S020516	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2239	S020518	Claimed	Statement of Div PACIFIC GAS AND ELECTRIC COMPANY	San Joaquin
2240	S020519	Claimed	Statement of Div Clavius Club Company LLC	San Joaquin
2241	S020520	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2242	S020522	Claimed	Statement of Div PACIFIC GAS AND ELECTRIC COMPANY	San Joaquin
2243	S020524	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2244	S020526	Claimed	Statement of Div PACIFIC GAS AND ELECTRIC COMPANY	San Joaquin

2245	S020528	Claimed	Statement of Div ZUCKERMAN-MANDEVILLE, INC.	San Joaquin
2246	S020530	Claimed	Statement of Div PACIFIC GAS AND ELECTRIC COMPANY	San Joaquin
2247	S020532	Claimed	Statement of Div Binh Nguyen	San Joaquin
2248	S020534	Claimed	Statement of Div PACIFIC GAS AND ELECTRIC COMPANY	San Joaquin
2249	S020535	Claimed	Statement of Div JAL FARMS INC	San Joaquin
2250	S020536	Claimed	Statement of Div Diane Young	San Joaquin
2251	S020538	Claimed	Statement of Div PACIFIC GAS AND ELECTRIC COMPANY	San Joaquin
2252	S020539	Claimed	Statement of Div JAL FARMS INC	San Joaquin
2253	S020540	Claimed	Statement of Div Diane Young	San Joaquin
2254	S020542	Claimed	Statement of Div PACIFIC GAS AND ELECTRIC COMPANY	San Joaquin
2255	S020543	Claimed	Statement of Div JAL FARMS INC	San Joaquin
2256	S020544	Claimed	Statement of Div Diane Young	San Joaquin
2257	S020546	Claimed	Statement of Div PACIFIC GAS AND ELECTRIC COMPANY	San Joaquin
2258	S020547	Claimed	Statement of Div JAL FARMS INC	San Joaquin
2259	S020548	Claimed	Statement of Div Diane Young	San Joaquin
2260	S020551	Claimed	Statement of Div JAL FARMS INC	San Joaquin
2261	S020552	Claimed	Statement of Div Diane Young	San Joaquin
2262	S020556	Claimed	Statement of Div Adrianna Antonioli	San Joaquin
2263	S020566	Claimed	Statement of Div John Moules	San Joaquin
2264	S020567	Claimed	Statement of Div Frank Machado	Sacramento
2265	S020568	Claimed	Statement of Div Frank Machado	Sacramento
2266	S020569	Claimed	Statement of Div Frank G. Machado	Sacramento
2267	S020570	Claimed	Statement of Div Frank G. Machado	Sacramento
2268	S020571	Claimed	Statement of Div Frank G. Machado	Sacramento
2269	S020574	Claimed	Statement of Div Frank G. Machado	Sacramento
2270	S020577	Claimed	Statement of Div Barbara Ann Martinsen	San Joaquin
2271	S020578	Claimed	Statement of Div Darsie Hutchinson and Pettigrew Inc.	Sacramento
2272	S020581	Claimed	Statement of Div Per Mc, LLC.	San Joaquin
2273	S020582	Claimed	Statement of Div Per Mc, LLC.	San Joaquin
2274	S020583	Claimed	Statement of Div Paul and Joycelyn Coit	San Joaquin
2275	S020584	Claimed	Statement of Div Hay's Ranch LLC.	San Joaquin
2276	S020585	Claimed	Statement of Div Hay's Ranch LLC.	San Joaquin
2277	S020586	Claimed	Statement of Div Hay's Ranch LLC.	San Joaquin
2278	S020587	Claimed	Statement of Div Sherman Chiu	San Joaquin
2279	S020588	Claimed	Statement of Div Cecil Rodgers	San Joaquin
2280	S020589	Claimed	Statement of Div John Pereira	San Joaquin
2281	S020590	Claimed	Statement of Div Pereira Farms, Inc.	San Joaquin
2282	S020591	Claimed	Statement of Div TAJ-SILVA FARMS	Sacramento
2283	S020592	Claimed	Statement of Div TAJ-SILVA FARMS	Sacramento
2284	S020593	Claimed	Statement of Div TAJ-SILVA FARMS	Sacramento
2285	S020594	Claimed	Statement of Div Earnest J. Pombo Jr.	San Joaquin
2286	S020599	Claimed	Statement of Div SALLY LEE BOWLSBEY	Solano
2287	S020601	Claimed	Statement of Div Steamboat Acres L.P.	Sacramento
2288	S020602	Claimed	Statement of Div Steamboat Acres L.P.	Sacramento
2289	S020603	Claimed	Statement of Div Steamboat Acres L.P.	Sacramento
2290	S020604	Claimed	Statement of Div Steamboat Acres L.P.	Sacramento
2291	S020611	Claimed	Statement of Div Arnold Petty	Yolo
2292	S020612	Claimed	Statement of Div Edward McDowell	Sacramento

2293	S020613	Claimed	Statement of Div John Monahan	Sacramento
2294	S020614	Claimed	Statement of Div John Monahan	Sacramento
2295	S020616	Claimed	Statement of Div Edward McDowell	Sacramento
2296	S020618	Claimed	Statement of Div Ellis Island Farms, Inc. LAWRENCE SCHNEIDER AND RUTH SCHNEIDER FAMILY REV TRUST	Contra Costa
2297	S020621	Claimed	Statement of Div TRUST	Sacramento
2298	S020622	Claimed	Statement of Div Ellis Island Farms, Inc.	Contra Costa
2299	S020625	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2300	S020626	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2301	S020640	Claimed	Statement of Div ZUCKERMAN-HERITAGE INC	San Joaquin
2302	S020642	Claimed	Statement of Div Maurice A. Priest	Yolo
2303	S020644	Claimed	Statement of Div ZUCKERMAN-HERITAGE INC	San Joaquin
2304	S020648	Claimed	Statement of Div ZUCKERMAN-HERITAGE INC	San Joaquin
2305	S020652	Claimed	Statement of Div ZUCKERMAN-HERITAGE INC	San Joaquin
2306	S020656	Claimed	Statement of Div ZUCKERMAN-HERITAGE INC	San Joaquin
2307	S020660	Claimed	Statement of Div ZUCKERMAN-HERITAGE INC	San Joaquin
2308	S020664	Claimed	Statement of Div ZUCKERMAN-HERITAGE INC	San Joaquin
2309	S020668	Claimed	Statement of Div ZUCKERMAN-HERITAGE INC	San Joaquin
2310	S020674	Claimed	Statement of Div Walt Koenig	Solano
2311	S020678	Claimed	Statement of Div Walt Koenig	Solano
2312	S020701	Claimed	Statement of Div Jerry Soares	San Joaquin
2313	S020705	Claimed	Statement of Div Jerry Soares	San Joaquin
2314	S020713	Claimed	Statement of Div Jerry Soars, Jr.	San Joaquin
2315	S020718	Claimed	Statement of Div Ronald Nunn Family Ltd.	Contra Costa
2316	S020720	Claimed	Statement of Div Paul Coit	San Joaquin
2317	S020725	Claimed	Statement of Div THE KENNETH AND REGINA AMBROSE FAMILY TRUST	Sacramento
2318	S020726	Claimed	Statement of Div Jon Morais	Sacramento
2319	S020727	Claimed	Statement of Div PATRICIA MCSWAIN	Sacramento
2320	S020728	Claimed	Statement of Div DAVID JOHNSON	Sacramento
2321	S020729	Claimed	Statement of Div FREDRICK K. SPECHT	Sacramento
2322	S020730	Claimed	Statement of Div RECLAMATION DISTRICT 1601	Sacramento
2323	S020749	Claimed	Statement of Div Leary etal	Sacramento
2324	S020750	Claimed	Statement of Div DONNA L REED	Sacramento
2325	S020751	Claimed	Statement of Div JOHN BACKER	Sacramento
2326	S020753	Claimed	Statement of Div ROBERT MCCASKILL	Sacramento
2327	S020757	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2328	S020758	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2329	S020759	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2330	S020760	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2331	S020761	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2332	S020762	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2333	S020763	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2334	S020764	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2335	S020765	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2336	S020766	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2337	S020767	Claimed	Statement of Div HERITAGE LAND COMPANY, INC.	San Joaquin
2338	S020768	Claimed	Statement of Div RAVINDERJEET S CHEEMA	Sacramento
2339	S020769	Claimed	Statement of Div PETERSEN, REDDIC, DAVIS ET AL	Solano

2340	S020770	Claimed	Statement of Div	PETERSEN, REDDIC, DAVIS ET AL	Solano
2341	S020771	Claimed	Statement of Div	PETERSEN, REDDIC, DAVIS ET AL	Solano
2342	S020772	Claimed	Statement of Div	PETERSEN, REDDIC, DAVIS ET AL	Solano
2343	S020773	Claimed	Statement of Div	Ellis Island Farms, Inc.	Solano
2344	S020774	Claimed	Statement of Div	Ellis Island Farms, Inc.	Contra Costa
2345	S020776	Claimed	Statement of Div	Ellis Island Farms, Inc.	Contra Costa
2346	S020777	Claimed	Statement of Div	Ellis Island Farms, Inc.	Contra Costa
2347	S020779	Claimed	Statement of Div	Tierra Del Rio Vineyards, LLC	Yolo
2348	S020780	Claimed	Statement of Div	Coldani Family Trust	San Joaquin
2349	S020781	Claimed	Statement of Div	Coldani Family Trust	San Joaquin
2350	S020782	Claimed	Statement of Div	Coldani Family Trust	San Joaquin
2351	S020783	Claimed	Statement of Div	Coldani Family Trust	San Joaquin
2352	S020784	Claimed	Statement of Div	Coldani Family Trust	San Joaquin
2353	S020785	Claimed	Statement of Div	Coldani Family Trust	San Joaquin
2354	S020786	Claimed	Statement of Div	Steven M Coldani	San Joaquin
2355	S020787	Claimed	Statement of Div	Steven M Coldani	San Joaquin
2356	S020797	Claimed	Statement of Div	Abilio M Morais	San Joaquin
2357	S020798	Claimed	Statement of Div	Abilio M Morais	San Joaquin
2358	S020799	Claimed	Statement of Div	Martin Emigh	Solano
2359	S020804	Claimed	Statement of Div	Merritt Island Ranch- Greene & Hemly, Inc	Yolo
2360	S020808	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2361	S020809	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2362	S020810	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2363	S020811	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2364	S020812	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2365	S020813	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2366	S020814	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2367	S020815	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2368	S020816	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2369	S020817	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2370	S020818	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2371	S020819	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2372	S020820	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2373	S020821	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2374	S020822	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2375	S020823	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2376	S020824	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2377	S020825	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2378	S020826	Claimed	Statement of Div	CORTOPASSI PARNTERS LP	San Joaquin
2379	S020839	Claimed	Statement of Div	STEPHEN BARSOOM	Solano
2380	S020840	Claimed	Statement of Div	Herbert A. and Joyce M. Speckman	San Joaquin
2381	S020841	Claimed	Statement of Div	Herbert A. and Joyce M. Speckman	San Joaquin
2382	S020842	Claimed	Statement of Div	Herbert A. and Joyce M. Speckman	San Joaquin
2383	S020843	Claimed	Statement of Div	Herbert A. and Joyce M. Speckman	San Joaquin
2384	S020844	Claimed	Statement of Div	Herbert A. and Joyce M. Speckman	San Joaquin
2385	S020845	Claimed	Statement of Div	Herbert A. and Joyce M. Speckman	San Joaquin
2386	S020846	Claimed	Statement of Div	Richard Still	Sacramento
2387	S020856	Claimed	Statement of Div	Smith and Karen Cunningham	Contra Costa

2388	S020857	Claimed	Statement of Div Coney Island Farms Inc	Contra Costa
2389	S020858	Claimed	Statement of Div Coney Island Farms Inc	Contra Costa
2390	S020859	Claimed	Statement of Div Coney Island Farms Inc	Contra Costa
2391	S020860	Claimed	Statement of Div Coney Island Farms Inc	Contra Costa
2392	S020861	Claimed	Statement of Div Coney Island Farms Inc	Contra Costa
2393	S020862	Claimed	Statement of Div Coney Island Farms Inc	Contra Costa
2394	S020863	Claimed	Statement of Div Coney Island Farms Inc	Contra Costa
2395	S020864	Claimed	Statement of Div Coney Island Farms Inc	Contra Costa
2396	S020865	Claimed	Statement of Div Coney Island Farms Inc	San Joaquin
2397	S020866	Claimed	Statement of Div Coney Island Farms Inc	San Joaquin
2398	S020867	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2399	S020868	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2400	S020869	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2401	S020870	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2402	S020871	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2403	S020872	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2404	S020873	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2405	S020874	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2406	S020875	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2407	S020876	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2408	S020877	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2409	S020878	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2410	S020879	Claimed	Statement of Div Cortopassi Farms, Inc.	San Joaquin
2411	S020880	Claimed	Statement of Div Islands, Inc.	Solano
2412	S020881	Claimed	Statement of Div Islands, Inc.	Solano
2413	S020882	Claimed	Statement of Div Islands, Inc.	Solano
2414	S020883	Claimed	Statement of Div Islands, Inc.	Solano
2415	S020884	Claimed	Statement of Div Islands, Inc.	Solano
2416	S020885	Claimed	Statement of Div Islands, Inc.	Solano
2417	S020886	Claimed	Statement of Div Islands, Inc.	Solano
2418	S020887	Claimed	Statement of Div Armando P. and Mary G. Vanni Trust	San Joaquin
2419	S020888	Claimed	Statement of Div Armando P. and Mary G. Vanni Trust	San Joaquin
2420	S020889	Claimed	Statement of Div Armando P. and Mary G. Vanni Trust	San Joaquin
2421	S020890	Claimed	Statement of Div Long Brother Family L.P.	San Joaquin
2422	S020891	Claimed	Statement of Div Long Brother Family L.P.	San Joaquin
2423	S020892	Claimed	Statement of Div Randy and Siara Baramek	Sacramento
2424	S020893	Claimed	Statement of Div Randy and Siara Baramek	Sacramento
2425	S020894	Claimed	Statement of Div Richard Still	Sacramento
2426	S020897	Claimed	Statement of Div Karl P. and Geri M. Jensen	San Joaquin
2427	S020899	Claimed	Statement of Div Mahinder and Tawnya Dhaliwal	Sacramento
2428	S020900	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2429	S020901	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2430	S020902	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2431	S020903	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2432	S020904	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2433	S020905	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2434	S020906	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2435	S020907	Claimed	Statement of Div Robert J. Hilarides	Sacramento

2436	S020908	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2437	S020909	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2438	S020910	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2439	S020911	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2440	S020912	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2441	S020913	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2442	S020914	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2443	S020915	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2444	S020916	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2445	S020917	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2446	S020918	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2447	S020919	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2448	S020920	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2449	S020921	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2450	S020922	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2451	S020923	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2452	S020924	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2453	S020925	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2454	S020926	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2455	S020927	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2456	S020928	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2457	S020929	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2458	S020930	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2459	S020931	Claimed	Statement of Div Robert J. Hilarides	Sacramento
2460	S020932	Claimed	Statement of Div Robert J. Hilarides	Solano
2461	S020933	Claimed	Statement of Div Robert J. Hilarides	Solano
2462	S020934	Claimed	Statement of Div Robert J. Hilarides	Solano
2463	S020935	Claimed	Statement of Div Robert J. Hilarides	Solano
2464	S020936	Claimed	Statement of Div Robert J. Hilarides	Solano
2465	S020937	Claimed	Statement of Div Robert J. Hilarides	Solano
2466	S020938	Claimed	Statement of Div Robert J. Hilarides	Solano
2467	S020939	Claimed	Statement of Div Robert J. Hilarides	Solano
2468	S020940	Claimed	Statement of Div Robert J. Hilarides	Solano
2469	S020962	Claimed	Statement of Div Daniel Rodriguez Blandon	San Joaquin
2470	S020963	Claimed	Statement of Div Venetian Bridges HOA	San Joaquin
2471	S020966	Claimed	Statement of Div Walter Langhart	Sacramento
2472	S020968	Claimed	Statement of Div CITY OF DAVIS	Yolo
2473	S020970	Claimed	Statement of Div Abilio M Morais	San Joaquin
2474	S020972	Claimed	Statement of Div J.W. SILVEIRA CO.	San Joaquin
2475	S020983	Claimed	Statement of Div CCRC FARMS, LLC	San Joaquin
2476	S020984	Claimed	Statement of Div CCRC FARMS, LLC	San Joaquin
2477	S020985	Claimed	Statement of Div CCRC FARMS, LLC	San Joaquin
2478	S020986	Claimed	Statement of Div CCRC FARMS, LLC	San Joaquin
2479	S020987	Claimed	Statement of Div TUSCANY RESEARCH INSTITUTE	San Joaquin
2480	S020988	Claimed	Statement of Div TUSCANY RESEARCH INSTITUTE	San Joaquin
2481	S020989	Claimed	Statement of Div CCRC FARMS, LLC	San Joaquin
2482	S020990	Claimed	Statement of Div TUSCANY RESEARCH INSTITUTE	San Joaquin
2483	S020991	Claimed	Statement of Div TUSCANY RESEARCH INSTITUTE	San Joaquin

2484	S020992	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2485	S020993	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2486	S020994	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2487	S020995	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2488	S020996	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2489	S020997	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2490	S020998	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2491	S020999	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2492	S021000	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2493	S021001	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2494	S021002	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2495	S021003	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2496	S021004	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2497	S021005	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2498	S021006	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2499	S021007	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2500	S021008	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2501	S021009	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2502	S021010	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2503	S021011	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2504	S021012	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2505	S021013	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2506	S021014	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2507	S021015	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2508	S021016	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2509	S021017	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2510	S021018	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2511	S021019	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2512	S021020	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2513	S021021	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2514	S021022	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2515	S021023	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2516	S021024	Claimed	Statement of Div	TUSCANY RESEARCH INSTITUTE	San Joaquin
2517	S021025	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2518	S021026	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2519	S021027	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2520	S021028	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2521	S021029	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2522	S021030	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2523	S021031	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2524	S021032	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2525	S021033	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2526	S021034	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2527	S021035	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2528	S021036	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2529	S021037	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2530	S021038	Claimed	Statement of Div	CCRC FARMS, LLC	San Joaquin
2531	S021039	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin

[illegible]

2580	S021101	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2581	S021102	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2582	S021103	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2583	S021104	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2584	S021105	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2585	S021106	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2586	S021107	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2587	S021108	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2588	S021109	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2589	S021110	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2590	S021111	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2591	S021112	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2592	S021113	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2593	S021114	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2594	S021115	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2595	S021116	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2596	S021117	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	San Joaquin
2597	S021187	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2598	S021188	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2599	S021189	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2600	S021190	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2601	S021191	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2602	S021192	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2603	S021193	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2604	S021194	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2605	S021195	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2606	S021196	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2607	S021197	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2608	S021198	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2609	S021199	Claimed	Statement of Div	DELTA WETLANDS PROPERTIES	Contra Costa
2610	S021226	Claimed	Statement of Div	GENE KLOTZ	Yolo
2611	S021232	Claimed	Statement of Div	PAGE BALDWIN FLP	Solano
2612	S021233	Claimed	Statement of Div	WILLOW RCH. PROP.	Solano
2613	S021234	Claimed	Statement of Div	TERMINOUS RANCH	San Joaquin
2614	S021235	Claimed	Statement of Div	TERMINOUS RANCH	San Joaquin
2615	S021236	Claimed	Statement of Div	MELINDA S. BARBERA	San Joaquin
2616	S021237	Claimed	Statement of Div	BARBERA PACKING CORPORATION	San Joaquin
2617	S021240	Claimed	Statement of Div	BARBERA PACKING CORPORATION	San Joaquin
				CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	
2618	S021242	Claimed	Statement of Div	HEADQUARTERS	Yolo
				CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE	
2619	S021243	Claimed	Statement of Div	HEADQUARTERS	Yolo
2620	S021244	Claimed	Statement of Div	TRANSMISSION AGENCY OF NORTHERN CALIFORNIA	Contra Costa
2621	S021245	Claimed	Statement of Div	TRANSMISSION AGENCY OF NORTHERN CALIFORNIA	Contra Costa
2622	S021246	Claimed	Statement of Div	TRANSMISSION AGENCY OF NORTHERN CALIFORNIA	Contra Costa
2623	S021247	Claimed	Statement of Div	TRANSMISSION AGENCY OF NORTHERN CALIFORNIA	Contra Costa
2624	S021248	Claimed	Statement of Div	TRANSMISSION AGENCY OF NORTHERN CALIFORNIA	Contra Costa
2625	S021249	Claimed	Statement of Div	TRANSMISSION AGENCY OF NORTHERN CALIFORNIA	Contra Costa

2626	S021250	Claimed	Statement of Div TRANSMISSION AGENCY OF NORTHERN CALIFORNIA	Contra Costa
2627	S021251	Claimed	Statement of Div VICTOR LANEY	Yolo
2628	S021252	Claimed	Statement of Div EVANS FAMILY TRUST	Sacramento
2629	S021253	Claimed	Statement of Div TOWNE ENTERPRISES LP.	Sacramento
2630	S021254	Claimed	Statement of Div D.H. JOHNSTON RANCH	Sacramento
2631	S021255	Claimed	Statement of Div DANIEL ROZA	San Joaquin
2632	S021256	Claimed	Statement of Div BYRON-BETHANY IRRIGATION DISTRICT	Contra Costa
2633	S021257	Claimed	Statement of Div HAMILTON HECHTMAN JOINT VENTURE	Sacramento
2634	S021258	Claimed	Statement of Div LIBERTY VINEYARDS	Solano
2635	S021259	Claimed	Statement of Div LIBERTY VINEYARDS	Solano
2636	S021261	Claimed	Statement of Div Craig D Kirchhoff	Yolo
2637	S021263	Claimed	Statement of Div WILLIAM MESQUITA	Yolo
2638	S021266	Claimed	Statement of Div Ray Walker	Solano
2639	S021267	Claimed	Statement of Div LARRY PELLEGRINI, TRUSTEE	San Joaquin
2640	S021268	Claimed	Statement of Div PETER W STONE	Sacramento
2641	S021271	Claimed	Statement of Div ELYSE RODGERS-VIEIRA	San Joaquin
2642	S021272	Claimed	Statement of Div Soto Federico	San Joaquin
2643	S021273	Claimed	Statement of Div Victoria Island LP	San Joaquin
2644	S021274	Claimed	Statement of Div Victoria Island LP	San Joaquin
2645	S021275	Claimed	Statement of Div Victoria Island LP	San Joaquin
2646	S021276	Claimed	Statement of Div Victoria Island LP	San Joaquin
2647	S021277	Claimed	Statement of Div Victoria Island LP	San Joaquin
2648	S021278	Claimed	Statement of Div Victoria Island LP	San Joaquin
2649	S021279	Claimed	Statement of Div Victoria Island LP	San Joaquin
2650	S021280	Claimed	Statement of Div Victoria Island LP	San Joaquin
2651	S021281	Claimed	Statement of Div Victoria Island LP	San Joaquin
2652	S021282	Claimed	Statement of Div Victoria Island LP	San Joaquin
2653	S021283	Claimed	Statement of Div Victoria Island LP	San Joaquin
2654	S021284	Claimed	Statement of Div Victoria Island LP	San Joaquin
2655	S021286	Claimed	Statement of Div Victoria Island LP	San Joaquin
2656	S021287	Claimed	Statement of Div Victoria Island LP	San Joaquin
2657	S021288	Claimed	Statement of Div Victoria Island LP	San Joaquin
2658	S021289	Claimed	Statement of Div Victoria Island LP	San Joaquin
2659	S021290	Claimed	Statement of Div Victoria Island LP	San Joaquin
2660	S021291	Claimed	Statement of Div Victoria Island LP	San Joaquin
2661	S021292	Claimed	Statement of Div Victoria Island LP	San Joaquin
2662	S021293	Claimed	Statement of Div Victoria Island LP	San Joaquin
2663	S021294	Claimed	Statement of Div Victoria Island LP	San Joaquin
2664	S021295	Claimed	Statement of Div Victoria Island LP	San Joaquin
2665	S021296	Claimed	Statement of Div Victoria Island LP	San Joaquin
2666	S021297	Claimed	Statement of Div Victoria Island LP	San Joaquin
2667	S021298	Claimed	Statement of Div Victoria Island LP	San Joaquin
2668	S021299	Claimed	Statement of Div Victoria Island LP	San Joaquin
2669	S021300	Claimed	Statement of Div Victoria Island LP	San Joaquin
2670	S021301	Claimed	Statement of Div Victoria Island LP	San Joaquin
2671	S021302	Claimed	Statement of Div Victoria Island LP	San Joaquin
2672	S021303	Claimed	Statement of Div Victoria Island LP	San Joaquin
2673	S021304	Claimed	Statement of Div Victoria Island LP	San Joaquin

2674	S021305	Claimed	Statement of Div	Victoria Island LP	San Joaquin
2675	S021311	Claimed	Statement of Div	Victoria Island LP	San Joaquin
2676	S021312	Claimed	Statement of Div	Victoria Island LP	San Joaquin
2677	S021313	Claimed	Statement of Div	Victoria Island LP	San Joaquin
2678	S021314	Claimed	Statement of Div	Mike Mattos	San Joaquin
2679	S021315	Claimed	Statement of Div	SCOTT & NATALIE SOLARI REVOCABLE TRUST	San Joaquin
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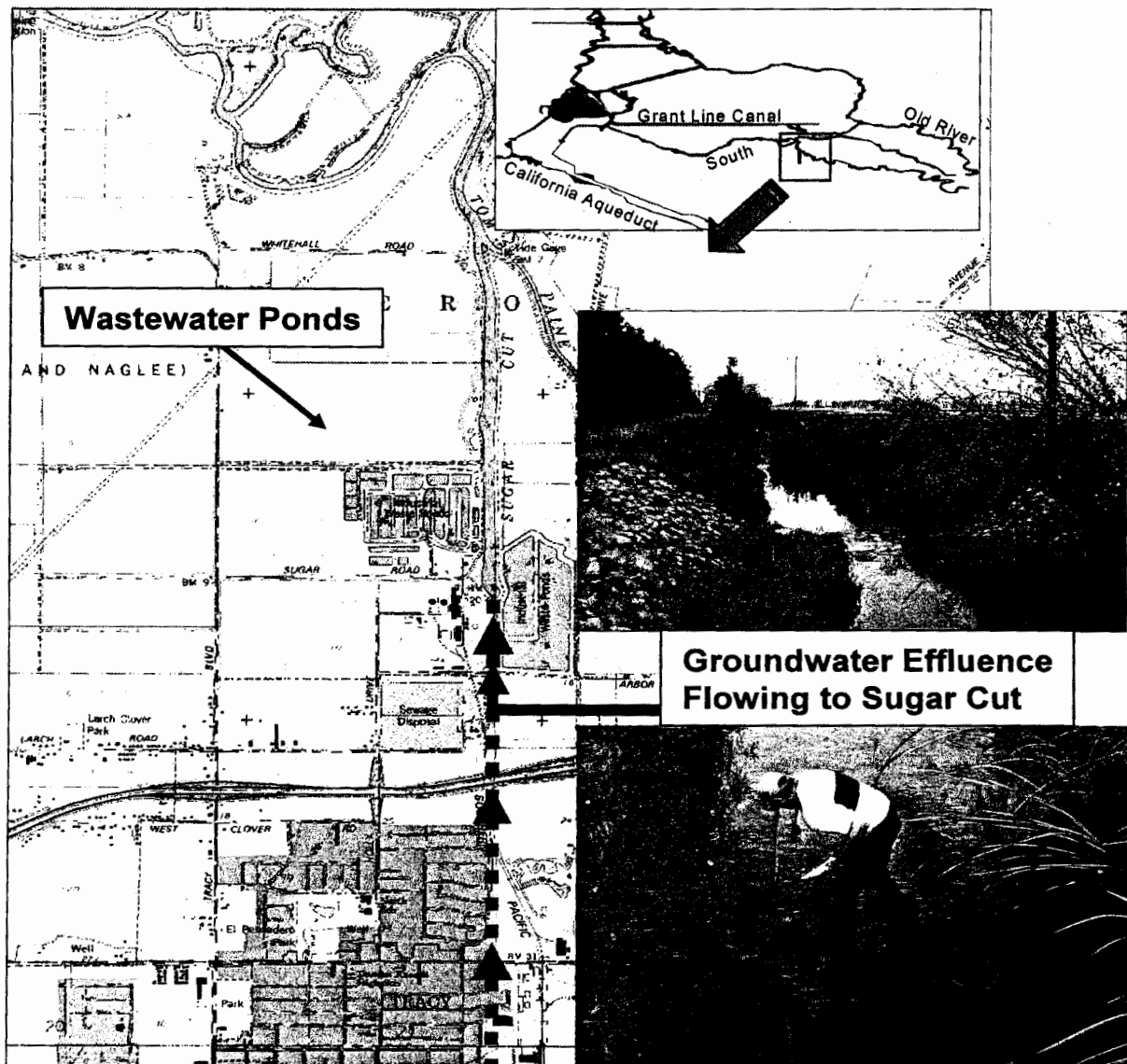
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San Joaquin
 Sacramento
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 Contra Costa
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 Yolo
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 Yolo
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 Sacramento

ATTACHMENT #3

Sources of Salinity in the South Sacramento-San Joaquin Delta

Memo Report
May 2007



State of California
The Resources Agency
Department of Water Resources
Division of Operations and Maintenance
Environmental Assessment Branch

Cover:

Groundwater effluence flowing to Sugar Cut in an urban runoff channel and accretion from municipal and industrial wastewater ponds are two routes of salt introduction to south Delta waterways. Dry weather conductivity of the groundwater effluence was 2,071 $\mu\text{S}/\text{cm}$.

OFFICE MEMO

TO:
Dean F. Messer, Chief, Environmental
Assessment Branch

DATE: 5/30/07

SUBJECT: Memo Report: **Sources of Salinity in
the South Sacramento-San Joaquin Delta**

FROM:
Barry L. Montoya, Staff Environmental Scientist

Summary

Approximately 74 discharge sites are situated along waterways immediately upstream from the State and federal export sites in the south Sacramento-San Joaquin Delta (south Delta). Most are agricultural followed by treated sewage, urban runoff, and groundwater effluence. The discharges are relatively saline and appear to be raising the salinity of water flowing from Vernalis on the San Joaquin River to the export sites via south Old River and Grant Line Canal. This report characterizes the discharges and their influence on salinity between Vernalis and the export sites.

Discharges

Twenty-two agricultural, stormwater, or point-source discharges are located on the 17-mile stretch of San Joaquin River between Vernalis and the head of Old River (James et al. 1989, DWR 1995, National Pollutant Discharge Elimination System [NPDES] permits). From the head of Old River, the distance to Jones (formerly Tracy) Pumping Plant is roughly 21 miles via Old River and 18 miles via Grant Line Canal. Distances to Clifton Court Forebay via both routes are a few miles shorter. Approximately 52 discharge sites are situated along these waterways and their tributaries Tom Paine Slough, Paradise Cut, and Sugar Cut (DWR 1995, Stantec 2003, NPDES permits). Most are agricultural drains with two point-source effluents, four urban runoff outfalls, and groundwater effluence conveyed to Old River in urban/agricultural drainage channels.

Point-Sources: Point-source discharges along the lower San Joaquin River (Vernalis to head of Old River) include municipal wastewater from the cities of Manteca/Lathrop and pit drainage from an historic sand excavation company. Municipal/industrial wastewater from the City of Tracy and Deuel Vocational Institute is discharged to Old River and Paradise Cut, respectively. Discharge volumes from all point-sources average between 0.6 and 5.7 million gallons per day (mgd) with conductivity averages ranging between 1,099 and 1,753 $\mu\text{S}/\text{cm}$ (NPDES permits).

Agricultural Drainage: The vast majority of discharge sites along the identified waterways are agricultural. Although agricultural drainage volumes are not routinely reported, two studies measuring or estimating agricultural drainage

shows pumping from Delta islands was consistently highest during winter, with a smaller increase during summer (DWR 1956 and 1997). Pumping is increased during winter, in part, to remove precipitation, seepage, and water applied to leach salts. Historic discharge estimates ranged from 0.03 to 0.7 acre-feet per acre during the peak discharge month of January (1955).

Conductivity in south Delta agricultural drains ranges from 350 to 4,500 $\mu\text{S}/\text{cm}$ with an overall average of 1,496 $\mu\text{S}/\text{cm}$ (Belden et al. 1989, DWR 1990, 1994, and 1999). Agricultural drains in the south Delta are particularly saline compared to others around the Delta (DWR 1967). The extra-saline nature of these drains can be explained by the origin and makeup of the underlying soils. The resident soils in the southernmost portion of the Delta are composed of eroded, heavily mineralized, marine sedimentary rock from the Diablo Range (Davis 1961, DWR 1970).

Groundwater Effluence: Three to four urban/agricultural drainage channels are believed to be conveying saline groundwater to Old River year-round. Groundwater effluence in 3 of these channels exhibited flows between 1 and 2 cubic-feet per second (cfs) and conductivities between 2,100 and 2,600 $\mu\text{S}/\text{cm}$ (measurements made for this study).

Upstream/Downstream Salinity

Upstream/downstream salinity was compared between the automated water quality stations at Vernalis on the San Joaquin River and Old River at Tracy Boulevard Bridge. Conductivity was consistently highest at the Old River station with the exception of a few relatively short duration periods. Differences in conductivity between the stations were highest between April and November. During this 8-month period, conductivity at the Old River station was 100 to 185 $\mu\text{S}/\text{cm}$ higher than at Vernalis (median values). A similar upstream/downstream comparison between the Vernalis and Grant Line Canal stations also showed increases, but to a lesser degree.

A number of factors can explain why conductivity consistently increased between the Vernalis and Old River stations. The sheer number saline discharges (as well as diversions) situated between these two stations provides strong rational for causative effects. The Old River station appears to be especially influenced by saline inputs from Tom Paine Slough, Paradise Cut, and groundwater effluence. This was evidenced by a statistically higher conductivity in Old River than Grant Line Canal during most months of the year. Further, the intake of the Old River water quality station appears to be located in the plume of a nearby saline agricultural discharge(s).

Editorial review: Gretchen Goettl, Supervisor of Technical Publications, and Marilee Talley, Research Writer. Thanks to Dan Peterson and Rob Duvall for their extensive reviews.

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I. Introduction

Background

Water is exported from the south Delta at Banks Pumping Plant and Jones Pumping Plant (Figure 1-1). Water can flow westward to both export sites from the lower San Joaquin River via south Old River (hereafter Old River) and Grant Line Canal. Approximately 74 discharge sites are situated along these and other contributory waterways – most are agricultural drains with a smaller number of point-source, urban runoff, and groundwater inputs. A majority of the discharges are relatively saline and appear to be raising the salinity of water approaching the export sites from the west.

Agricultural drainage within the Delta was recognized as a source of saline water in the inaugural State Water Project (SWP) operations report (DWR 1963). Other more specific water quality observations have suggested that discharges along Old River and Grant Line Canal are increasing the salinity of water flowing to the export sites from the San Joaquin River. Conductivity was consistently higher at Banks Pumping Plant than in the San Joaquin River under certain high flow conditions when State exports were entirely composed of that river (DWR 2004B). The suggested explanation was salinity augmentation by the numerous interjacent agricultural discharges. A similar claim was made in a review of data collected during the 1950s and 1960s concluding that an area of high salinity between Vernalis on the San Joaquin River and the Delta-Mendota Canal was caused principally by agricultural drainage (DWR 1967).

Problem Description

Salinity in south Delta exports is a parameter-of-concern to SWP drinking water contractors. Effects of salt in drinking water above the Maximum Contaminant Level can include hardness, deposits, colored water, staining, or salty taste (USEPA 1992).

Although not a major direct concern to human health, salinity can cause other problems for SWP contractors. Elevated salinity in drinking water can:

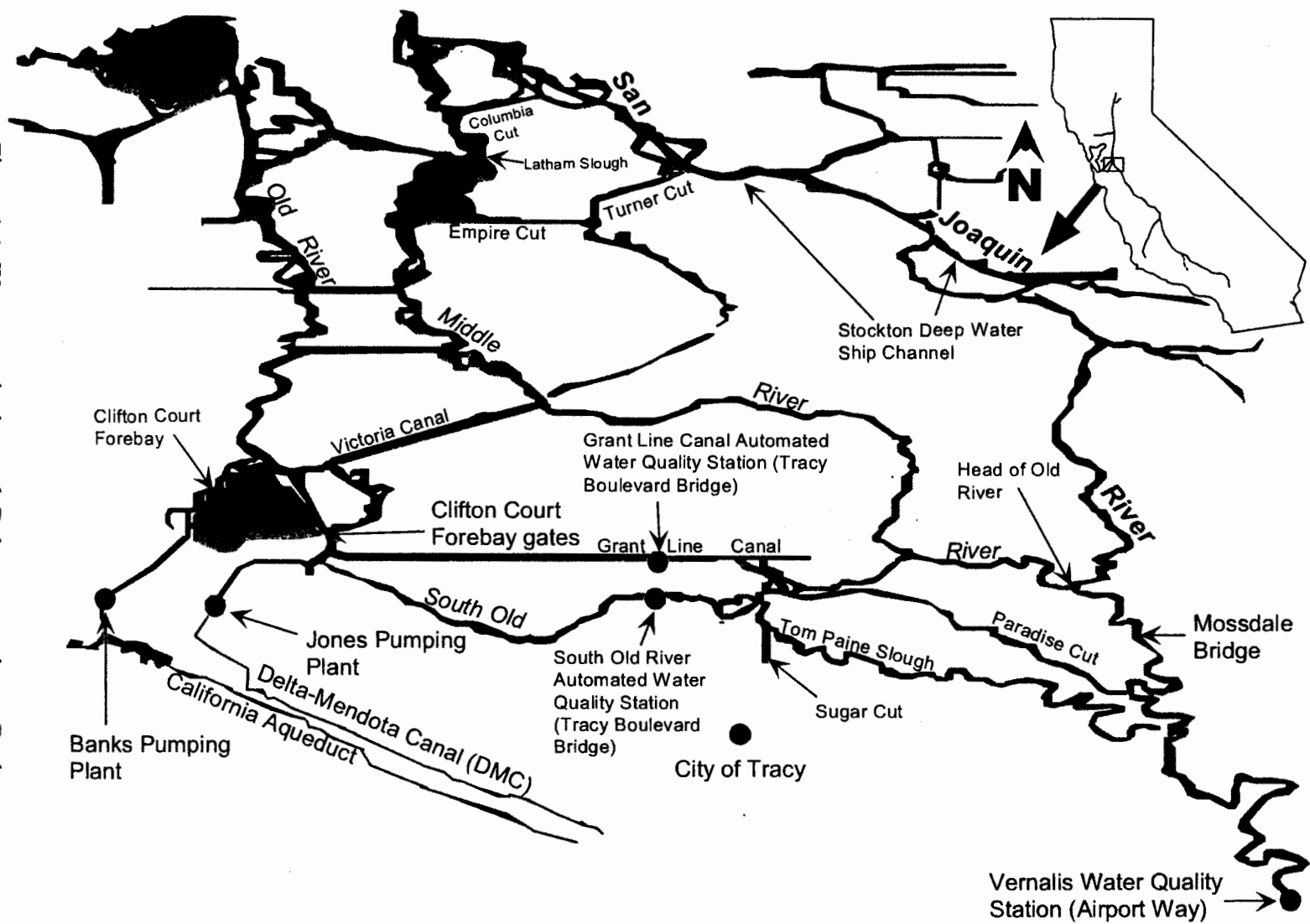
1. be an indicator of bromide, a disinfection by-product precursor;
2. limit the use of recycled water for groundwater recharge or crop irrigation; and,
3. reduce opportunities for blending with higher-salinity sources.

A list of management actions were developed to promote salinity controls, reductions, and forecasts (Bookman-Edmonston Engineering, Inc. 1999).

Objectives

1. Identify discharges to Old River, Grant Line Canal, and a 17-mile stretch of the San Joaquin River (Vernalis to the head of Old River);
2. Characterize discharge volume and salinity trends; and,
3. Quantify upstream/downstream salinity increases between Vernalis on the San Joaquin River and Old River.

Figure 1-1. Waterways in the south Delta, export sites at Banks Pumping Plant and Jones Pumping Plant, and water quality station locations



II. Discharges

Information on south Delta discharges was obtained largely from existing reports and documents. Discharges to the lower San Joaquin River were separated from those along Grant Line Canal and Old River.

San Joaquin River, Vernalis to the Head of Old River

The distance from Vernalis on the San Joaquin River to the head of Old River is about 17 river miles. Twenty-two discharge sites have been identified along this stretch of river (Figure 2-1 and Table 2-1). Most were described as either stormwater or agricultural with two point-source effluents.

All but two of the agricultural or stormwater discharges were considered relatively insignificant in size, especially when compared to upstream sources (James et al. 1989). The exceptions included two pumps on the east side of the river (station locations SJR13 and SJR16 in Figure 2-1). These 2 pumps discharge surface runoff from about 5,000 acres of agricultural land in Reclamation District No. 2075. Downstream at river mile 63.4, another relatively significant discharge was identified as New Jerusalem Outlet (SJR11). Tile drainage from this source was stated to exceed 25 cubic feet per second (16 million gallons per day [mgd], 1 mgd = 1.55 cfs) throughout most of the year. This drain is particularly saline with conductivities usually above 2,000 $\mu\text{S}/\text{cm}$ (CDEC database).

Another potentially major input to the lower San Joaquin River is a watershed of unknown size drained by Walthall Slough (SJR18). The surrounding watershed is mostly agricultural farmland with some minor rural development (from aerial photography at CaliforniaMaps.org). Drainage from Walthall Slough passes through Weatherbee Lake before reaching the San Joaquin River near river mile 57, less than a mile upstream from Mossdale (Figures 1-1 and 2-1 and Table 2-1).

Two point-sources also discharge to the 17-mile stretch of San Joaquin River from Vernalis to the head of Old River. The discharges are relatively saline with conductivities averaging above 1,000 $\mu\text{S}/\text{cm}$. The Cities of Manteca and Lathrop jointly discharge municipal wastewater at river mile 56.8 (SJR19) (Figure 2-1 and Table 2-1). Outflows average 5.72 mgd with a maximum of 6.29 mgd (CVRWQCB 2004B).

A sand excavation company (Brown Sand, Inc.) historically discharged groundwater seepage and excess stormwater to the San Joaquin River from an adjacent mining pit (SJR20) (CVRWQCB 2005A). The discharge is located near the effluent of the previous point-source. Mining operations were idled in 2001 and the excavation pit was converted to Oakwood Lake for a water and mobile home park along with neighboring campgrounds. The discharges continued, however, to maintain water levels in Oakwood Lake. Discharges between January 2001 and December 2004 averaged 6.2 mgd with a maximum of 15.3 mgd.

Figure 2-1. Approximate location of discharges on south Delta waterways. Individual discharges are identified and described in alphabetical order in Table 2-1.

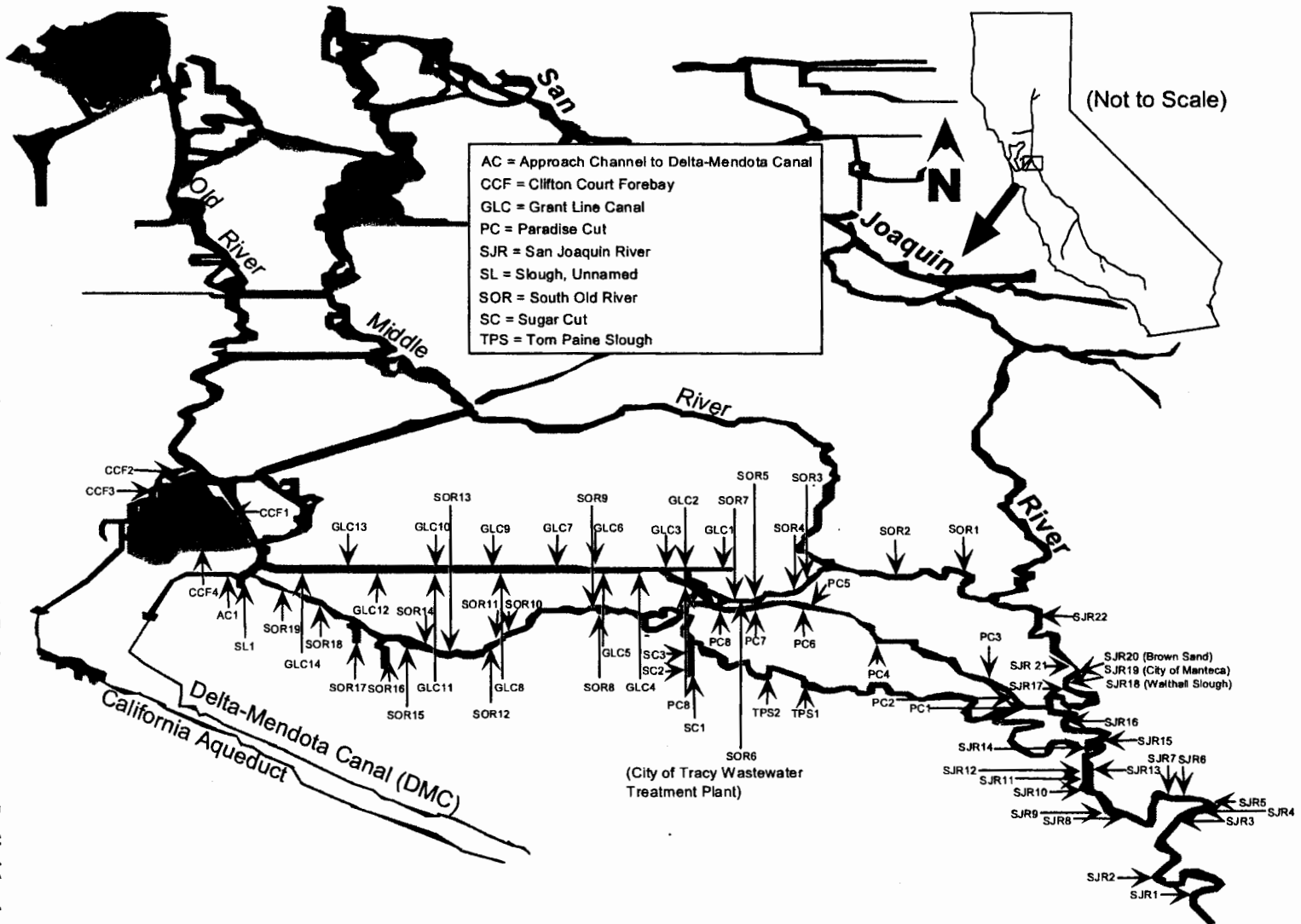


Table 2-1. Description of discharges on south Delta waterways

Receiving Water	Discharge Identification	Areal Location Source 1/	Discharge Description 2/	Water Quality Data ?
Approach Channel to Tracy Pumping Plant on the Delta-Mendota Canal	AC1	A	Drainage Pumping (one or more)	-
Clifton Court Forebay	CCF1	B	Drainage Sump Pump between Levee and Forebay Embankment	Y
	CCF2	B	Drainage Sump Pump between Levee and Forebay Embankment	Y
	CCF3	B	Drainage Sump Pump between Levee and Forebay Embankment	Y
	CCF4	B	Agricultural Drainage Sump Pump	Y
Grant Line Canal (or Fabian and Bell Canal)	GCL1	A	Drainage Pumping (one or more)	Y
	GCL2	A	Drainage Pumping (one or more)	Y
	GCL3	A	Drainage Pumping (one or more)	Y
	GCL4	A	Drainage Pumping (one or more)	-
	GCL5	A	Drainage Pumping (one or more)	Y
	GCL6	A	Drainage Pumping (one or more)	-
	GCL7	A	Drainage Pumping (one or more)	Y
	GCL8	A	Drainage Pumping (one or more)	Y
	GCL9	A	Drainage Pumping (one or more)	-
	GCL10	A	Drainage Pumping (one or more)	-
	GCL11	A	Drainage Pumping (one or more)	Y
	GCL12	A	Drainage Pumping (one or more)	-
	GCL13	A	Drainage Pumping (one or more)	Y
	GCL14	A	Drainage Pumping (one or more)	-
Paradise Cut	PC1	F	Deuel Vocational Institute Wastewater Discharge	Y
	PC2	C	Paradise Mutual	Y
	PC3	A	Drainage Pumping (one or more)	-
	PC4	A, C	Pescadero	Y
	PC5	A, C, D	Stewart Tract	Y
	PC6	A, C, D	Pescadero, Pescadero RD pump	Y
	PC7	A, C, D	Pescadero, Pump west of Tom Paine Slough	Y
	PC8	A, C, D	Pescadero, Pescadero RD pump	Y
San Joaquin River	SJR1	E	Natural Drain, RM 72.2	-
	SJR2	E	SJRiver Club Drain, RM 70.0	-
	SJR3	E	Intake Pump & Discharge Pump, RM 68.1	-
	SJR4	E	Drainage Pump, 67.4	-
	SJR5	E	Intake Pump & Drainage Pump, 67.1	-
	SJR6	E	Drainage Pump, 66.4	-
	SJR7	E	Field Drain and & Old Pump Station, RM 66.3	-
	SJR8	E	Tail Water Pump, RM 64.5	-
	SJR9	E	Drainage Discharge Pump, RM 64.5	-
	SJR10	E	Tail Water Pump, RM 63.6	-
	SJR11	E	New Jerusalem Tile Drain, RM 63.4	-
	SJR12	E	Drainage Discharge Pump, RM 63.2	-
	SJR13	E	Discharge Pump, RM 63.1	-
	SJR14	E	Tail Water Pump, RM 62.5	-
	SJR15	E	Intake Pump & Oxbow Lake Drain, RM 62.4	-
	SJR16	E	Discharge Pump, RM 62.0	-
	SJR17	E	Tail Water Drain, RM 57.3	-
	SJR18	E	Weatherbee Lake Discharge (Walshall Slough), RM 57.1	-
	SJR19	G	City of Manteca Wastewater Discharge, RM 56.8	Y
	SJR20	H	Brown Sand Groundwater Dewatering Discharge, D/S RM 56.8	Y
	SJR21	A	Drainage Pumping (one or more)	-
	SJR22	A	Drainage Pumping (one or more)	-
Slough, Unnamed	SL1	A	Drainage Pumping (one or more)	-
South Old River	SOR1	A	Drainage Pumping (one or more)	-
	SOR2	A	Drainage Pumping (one or more)	-
	SOR3	A	Drainage Pumping (one or more)	Y
	SOR4	A	Drainage Pumping (one or more)	Y
	SOR5	A	Drainage Pumping (one or more)	Y
	SOR6	I	City of Tracy Wastewater Discharge	Y
	SOR7	A	Drainage Pumping (one or more)	Y
	SOR8	A, K	Drainage Pumping (one or more)	Y
	SOR9	A	Drainage Pumping (one or more)	Y
	SOR10	A	Drainage Pumping (one or more)	-
	SOR11	A	Drainage Pumping (one or more)	-
	SOR12	A, J	Drainage Pumping (one or more), Urban Runoff	Y
	SOR13	A	Drainage Pumping (one or more)	Y
	SOR14	A	Drainage Pumping (one or more)	-
	SOR15	A	Drainage Pumping (one or more)	-
	SOR16	J, K	Urban Runoff, Groundwater Effluence, Agricultural Drainage	-
	SOR17	K	Urban Runoff, Groundwater Effluence, Agricultural Drainage	Y
	SOR18	A	Drainage Pumping (one or more)	-
	SOR19	A	Drainage Pumping (one or more)	-
Sugar Cut	SC1	J, K	Urban Runoff, Groundwater Effluence, Agricultural Drainage	Y
	SC2	A	Drainage Pumping (one or more)	-
	SC3	A	Drainage Pumping (one or more)	-
Tom Paine Slough	TPS1	D	Pescadero RD	Y
	TPS2	D	RD 1007 / RD 2058	Y

1/ Sources

A: DWR 1995
 B: Unpublished DWR Operations & Maintenance surveys
 C: DWR 1990, 1994, and 1999 MWQI data query request
 D: Belden et al. 1989
 E: James et al. 1989

F: CVRWQCB 2004A and 2003

G: CVRWQCB 2004B
 H: CVRWQCB 2005A
 I: CVRWQCB 2006
 J: Stantec 2003
 K: Visual Inspection
 2/ San Joaquin River miles accordant with U.S.ACE 1984

Head of Old River to the Export Sites

The distance from the head of Old River to Jones Pumping Plant is roughly 21 miles via Old River and 18 miles via Grant Line Canal. Distances to Clifton Court Forebay via both routes are a few miles shorter. Approximately 52 discharge sites are situated along these waterways and their tributaries Tom Paine Slough, Paradise Cut, and Sugar Cut (Figure 2-1 and Table 2-1). Most of the discharges are agricultural with elevated conductivities averaging between 900 and 2,600 $\mu\text{S}/\text{cm}$ (discussed in next section).

The location of most agricultural discharge sites were duplicated from DWR 1995 (Delta Atlas). The Delta Atlas footnotes each location as “one or more,” and as such, the arrow indicators in Figure 2-1 may represent individual discharge pumps or several in close proximity. Therefore, the number and placement of agricultural discharge sites along the waterways of Old River, Grant Line Canal, and their tributaries in Figure 2-1 are considered approximations.

Three sump pumps are situated around Clifton Court Forebay (CCF1 to CCF3) to remove seepage and accumulated rainfall from between the Delta levees and the forebay embankment (Figure 2-1 and Table 2-1). A fourth pump intercepts farmland runoff from south of the forebay.

The pumps around Clifton Court Forebay, by themselves, have been shown to be relatively minor. Estimated pumpage from electricity records indicate that all four pumps comprised less than 0.5 percent of the monthly pumping at Banks Pumping Plant during all but 5 months between 1986 and 1999 (available data) (Table 2-2). These sumps measurably affected export water quality during April 1998 when sump pumpage composed a period maximum 7.6 percent of the total volume pumped at Banks Pumping Plant (DWR 2004B). An increase in salinity, bromide, and organic carbon was geochemically associated with sump drainage that month. April 1998 was one of several consecutive months when Banks Pumping Plant was rarely idled due to heavy rainfall around the State and an abundance of water sources alternative to south Delta exports. Although unwanted water quality parameters increased at Banks Pumping Plant that month, very little water was moved south, and hence, the accompanying loads were similarly small. Although the forebay sump pumps, by themselves, are relatively minor, they do contribute to the cumulative influence of all sources of salt in the south Delta.

The City of Tracy and Deuel Vocational Institution discharge municipal wastewater to Old River (SOR6) and Paradise Cut (PC1), respectively. Discharges from the City of Tracy average 7.09 mgd with a maximum 9.4 mgd (CVRWQCB 2006A). The city is proposing to increase its effluent rate to 16 mgd (PMI 2001). Discharges from Deuel Vocational Institution average 0.589 mgd with a wet weather allowable limit of 0.783 mgd (CVRWQCB 2003, 2004A, and 2005B). Both of these point-sources are relatively saline with conductivities ranging from 1,000 to 2,400 $\mu\text{S}/\text{cm}$ (discussed in next section).

Table 2-2. Percent of monthly sump pumpage to Clifton Court Forebay (CCF1-4) pumped at Banks Pumping Plant (estimated from electricity records with an efficiency correction)

Percent of Sump Pumpage at Banks Pumping Plant, %												
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1986					0.025	0.017	0.010	0.006	0.006	0.018	0.016	0.027
1987	0.028	0.041	0.027	0.024	0.014	0.032	0.008	0.008	0.011	0.050	0.050	0.015
1988	0.004	0.014	0.008	0.039	0.039	0.030	0.012	0.009	0.022	0.014	0.015	0.013
1989	0.014	0.014	0.014	0.016	0.018	0.029	0.006	0.007	0.004	0.013	0.007	0.015
1990	0.005	0.010	0.012	0.019	0.061	0.244	0.027	0.014	0.017	0.019	0.026	0.019
1991	0.030	0.061	0.015	0.021	0.066	0.064	0.067	0.022	0.021	0.016	0.049	0.045
1992	0.022	0.040	0.008	0.085	0.127	0.053	0.063	0.067	0.050	0.144	0.072	0.051
1993	0.026	0.045	0.095	0.072	0.081	0.034	0.013	0.004	0.011	0.009	0.022	0.010
1994	0.025	0.050	0.084	0.292	0.142	0.198	0.026	0.017	0.014	0.019	0.016	0.020
1995	0.020	0.062	0.151	2.492	0.089	0.022	0.014	0.008	0.029	0.026	0.062	1.711
1996	0.013	0.096	0.162	0.119	0.023	0.017	0.012	0.007	0.012	0.012	0.003	0.036
1997	0.536	0.147	0.066	0.108	0.080	0.030	0.009	0.013	0.009	0.010	0.025	0.011
1998	0.067	4.371	0.690	7.615	0.090	0.066	0.021	0.013	0.017	0.010	0.076	0.019
1999	0.068	0.135	0.033	0.113	0.048	0.067	0.007	0.009	0.008	0.014	0.015	0.020

The Mountain House Community Services District has been given tentative approval to discharge municipal wastewater to Old River (CVRWQCB 2006B). This district is a new residential, commercial, and industrial municipality. The outfall will be located near the SOR18 discharge site. Initial discharge volumes will be 3.0 mgd (phase II) with a proposed future increase to 5.4 mgd (Phase III). Installation of the outfall diffuser in Old River was ongoing at the writing of this report.

Urban runoff from the Mountain House subdivision is conveyed via Mountain House Creek to an unnamed slough hydraulically connected to Old River (SOR17). The size of the watershed drained by Mountain House Creek is about 17 square miles (SWRB 1958). The community is currently under construction and was only partially built-up at the writing of this report. When completed, it will accommodate all the necessary services for up to 43,500 residents.

Urban runoff from the City of Tracy is directed into several drains that flow toward Old River (Stantec 2003). The outfall of one drain is at the end of Sugar Cut (SC1) and the other two are farther west along Old River (SOR12 and SOR16). Both SC1 and SOR16 flow by gravity to dead-end soughs hydraulically connected to Old River. These two channels also serve as conveyances of farmland runoff, tile drainage, and groundwater effluence.

Runoff volumes from urbanized areas vary with a number of factors such as percent imperviousness, watershed size and saturation, rainfall intensity, etc. (CVRWQCB 1987). Flows typically rise and fall with the passage of a storm event. The collection of flow data is not a necessary requirement of a small municipal separate storm sewer General Permit (SWRCB 2003), and none was explicitly proposed in the City of Tracy's Storm Water Management Program (Stantec 2003).

Several of the aforementioned drains also appear to convey saline groundwater to Old River. The urban/agricultural drains SC1, SOR16, and SOR17 flow year-round to dead-end sloughs hydraulically connected to Old River. Groundwater may also be infiltrating a fourth drain flowing to an existing agricultural pumping station on Old River (SOR8).

Baseline, perennial flows in the urban/agricultural drains SC1, SOR16, and SOR17 are believed to be groundwater for several reasons. Flows of 1 to 2 cfs were observed in all three channels in early December 2006, before any appreciable rainfall had fallen during water year 2007 (Figures 2-2 and 2-3). Further, water applications to surrounding farmland were not observed at the time of the field inspections. All three channels are at or below sea level permitting a path of least resistance for the local aquifer or aquifers.

Conductivity in the aforementioned drains ranged between 2,100 and 2,600 $\mu\text{S}/\text{cm}$ during the December 2006 inspections. The elevated conductivities are an indication of water in contact with mineralized soils. Water in contact with mineral matter for longer periods of time can take more of this matter into solution. A geochemical analysis presented in the next section provides supporting evidence that these drains are conveying groundwater effluence to Old River.

Groundwater effluence to urban storm drainage channels is not uncommon. Flow in certain storm drains around the City of Sacramento continues year-round. About half of the total outflow from the Sacramento urban storm drainage system was not directly associated with rainfall runoff (CVRWQCB 1987). The water originated, in part, from groundwater permeating into underground sumps, plumbing, and drainage channels. Flow in many of the conveyances continued throughout the summer and fall regardless of water year type.

One relatively large discharge to the previously discussed combination drain flowing to Sugar Cut (SC1) is agricultural drainage from Westside Irrigation District. This district has an agreement with the City of Tracy to pump as much as 35 cfs (22.6 mgd) to the drain about a mile upstream from the confluence with Sugar Cut (Reyna, e-mail communication, 2007).

The wastewater ponds next to Sugar Cut may be one specific source of saline groundwater accretion to Old River. The Leprino Foods Company leases several treatment ponds to process wastewater from its cheese factory (SWRCB 2006B). These ponds are immediately adjacent to Sugar Cut and are situated more than 15 feet above the slough's water level (Figure 2-2). Saline water in the unlined ponds could degrade groundwater (SWRCB 2006B) and, in turn, potentially generate a specific source of saline groundwater accretion to Old River.

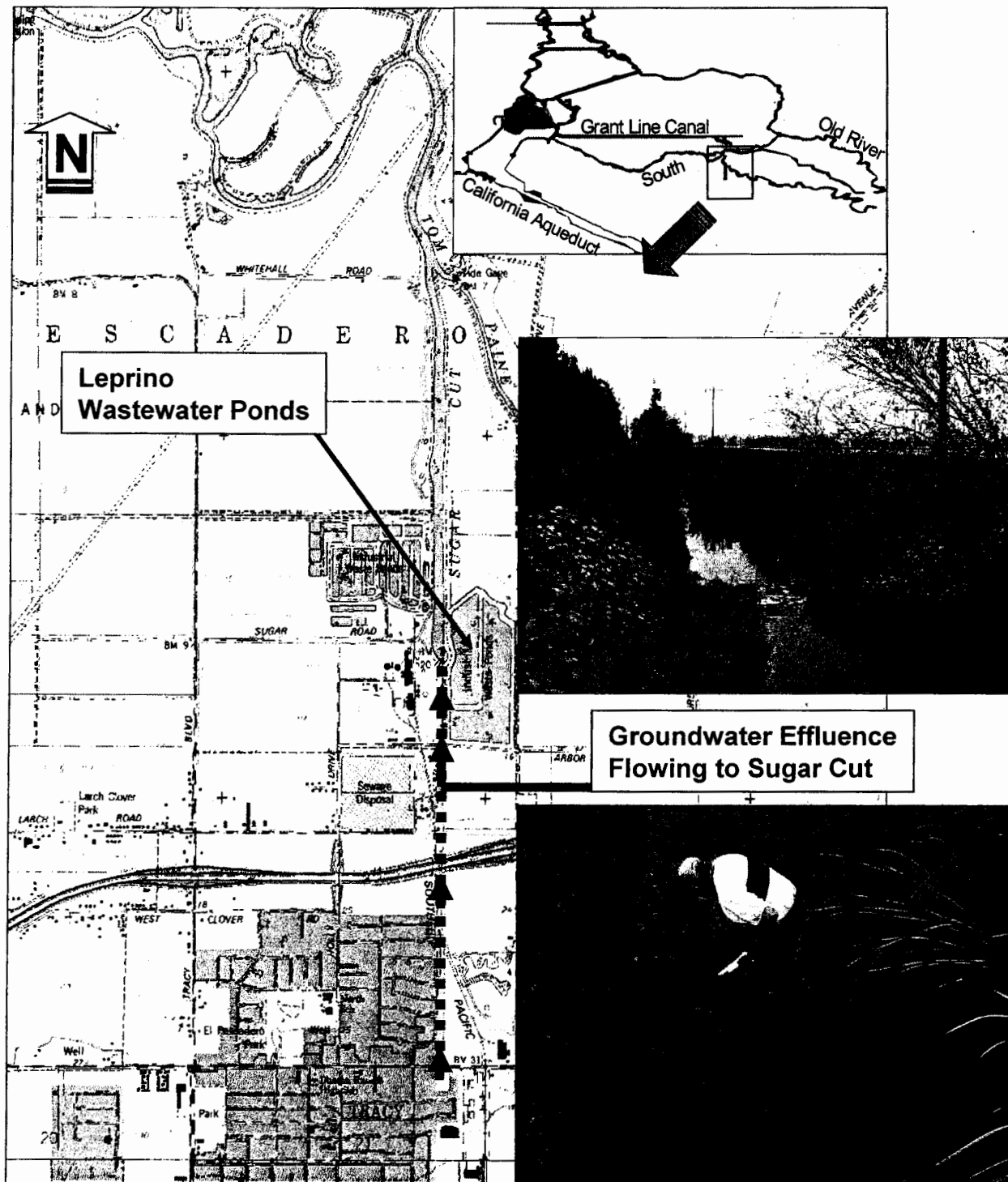


Figure 2-2. Location of groundwater effluence flowing to Sugar Cut in an urban runoff channel. Dry weather conductivity of the groundwater effluence was 2,071 $\mu\text{S}/\text{cm}$.

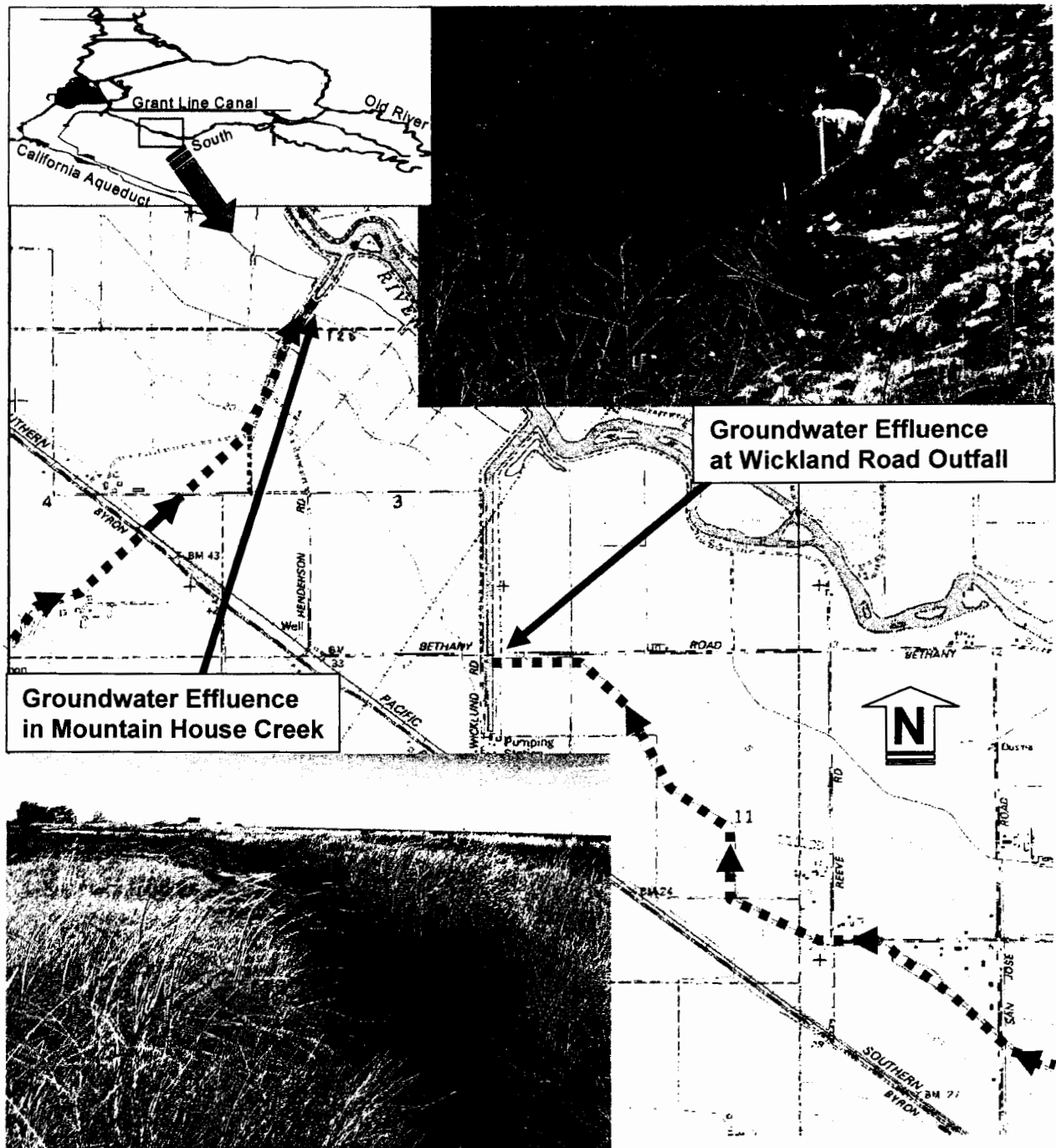


Figure 2-3. Location of two groundwater effluence discharge sites along south Old River. Conductivity was 2,566 $\mu\text{S}/\text{cm}$ at the Wickland Road Outfall and 2,260 $\mu\text{S}/\text{cm}$ in Mountain House Creek.

Delta Island Discharge Trends

Few studies have measured agricultural drainage volumes from Delta islands. One study estimated pumpage from 24 agricultural units making up a sizable portion of the Delta during 1954-1955 (DWR 1956). Many of the pumping plants were equipped with float-actuated sensors to automatically remove water at predetermined levels. Most pumpage was estimated with pump test data and electrical use records. The remainder was obtained by assuming that plant rating factors were similar to comparably measured installations or by correlation with discharge-per-acre values of adjacent lands.

Monthly pumpage was generally highest during the months of June to August and December and January (Figure 2-4A). Increases during the summer growing season were thought (in DWR 1956) to reflect over-application of irrigation water. Pumping during the winter increases to remove (1) precipitation (Figure 2-4B), (2) seepage from the surrounding river channels, and (3) water applied to leach salts built up in the soil over the growing season. Other reasons for intentionally applying water to Delta island farmland outside of the growing season include weed control, residue decomposition, and waterfowl habitat (Zuckerman 1999).

Another study measuring agricultural discharges from Twitchell Island showed a greater disparity in seasonal trends (Figure 2-4C). Pumpage during January to March 1995 was roughly equivalent to that for the remainder of the year.

The preceding graphs indicate that seasonal agricultural drainage trends between Delta islands can be distinct. In fact, discharge-per-acre estimates varied widely around the Delta ranging from 0.03 to 0.7 acre-feet per acre during the high-discharge month of January 1955 (DWR 1956). Relative discharge rates were lowest in the north and south Delta and highest in the central-most portion. The lower relative discharge rates in the north and south Delta were attributed to less channel seepage and more efficient application of irrigation water.

Regardless of the variability, an increase in drainage during winter is expected to be the common thread in Delta island discharge trends. Winter discharges are necessary to remove rainfall, increased seepage from rising water levels, and water applied for salt leaching, weed control, etc. This is significant because winter overlaps the period when Delta island drainage is most saline.

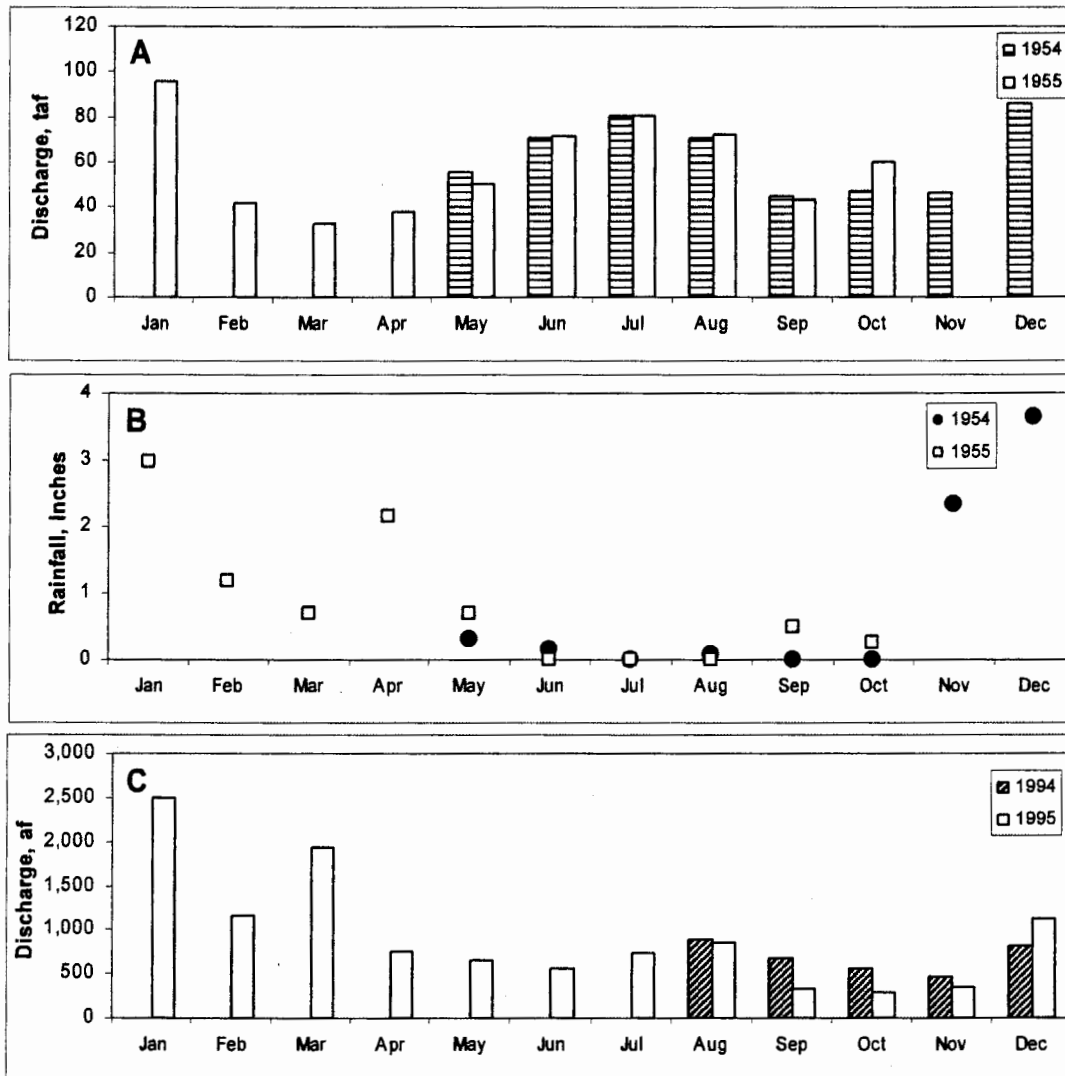


Figure 2-4. Monthly agricultural pumping estimated with rated power consumption and other methods from 24 agricultural drainage units around the Delta in 1954-1955 (A), average monthly rainfall totals from 7 cities around the Delta including Sacramento to the north, Lodi to the south, Stockton to the east, and Antioch to the west during 1954-1955 (B), and measured pumping from an agricultural drain on Twitchell Island during 1994-1995 (C) (sources: DWR 1956 and Templin and Cherry 1997)

III. Discharge Salinity

Agricultural Drainage

Conductivity in several south Delta agricultural drains is summarized in Table 3-1. Most data originated from studies conducted by the Central Valley Regional Water Quality Control Board (CVRWQCB) in 1986 and 1987.

Table 3-1. Summary of conductivity in several south Delta drains

Discharge Location	Minimum	Maximum	Median	Average	Std. Dev.	CV 1/	Sample Size	Date Range	Sources 2/
GLC1	864	2,100	960	1,238	461	37	7	1/86 to 9/87	A
GLC2	810	1,200	950	1,007	160	16	7	1/86 to 9/87	A
GLC3	620	1,500	791	868	296	34	7	1/86 to 9/87	A
GLC5	718	3,230	1,050	1,202	788	66	9	1/86 to 9/87	A
GLC7	820	1,420	1,165	1,096	215	20	8	1/86 to 9/87	A
GLC8	720	1,400	1,100	1,124	235	21	8	1/86 to 9/87	A
GLC11	550	2,600	1,525	1,589	642	40	8	1/86 to 9/87	A
GLC13	550	1,410	1,090	999	367	37	7	1/86 to 9/87	A
PC1	700	2,500	1,150	1,382	733	53	6	1/86 to 9/87	A
PC2	450	2,150	1,405	1,352	566	42	6	1/86 to 9/87	A
PC4	1,400	3,060	1,810	2,037	572	28	11	4/88 to 10/91	B
PC5	710	2,300	1,600	1,641	498	30	9	1/86 to 9/87	A
PC6	1,200	3,160	1,880	1,988	499	25	20	4/87 to 10/91	B
PC6	1,400	2,900	1,550	1,740	494	28	8	1/86 to 9/87	A
PC7	1,230	2,710	1,725	1,798	396	22	18	4/87 to 10/91	B
PC7	1,100	2,600	1,450	1,543	497	32	7	1/86 to 9/87	A
PC8	545	2,680	1,548	1,558	494	32	61	4/87 to 9/97	B
PC8	1,200	2,400	1,700	1,659	419	25	7	1/86 to 9/87	A
SOR3	350	2,550	1,200	1,253	762	61	7	1/86 to 9/87	A
SOR4	750	1,800	960	1,058	377	36	7	1/86 to 9/87	A
SOR5	620	2,500	743	1,009	672	67	7	1/86 to 9/87	A
SOR7	780	2,700	905	1,323	922	70	4	1/86 to 9/87	A
SOR8	1,100	3,880	2,100	2,063	937	45	7	1/86 to 9/87	A
SOR9	920	1,400	1,010	1,076	162	15	8	1/86 to 9/87	A
SOR12	1,200	2,600	1,655	1,785	550	31	8	1/86 to 9/87	A
SOR13	2,400	4,100	2,600	2,779	543	20	8	1/86 to 9/87	A
TPS1	1,300	3,570	1,815	2,238	953	43	8	1/86 to 9/87	A
TPS2	1,100	4,500	2,600	2,597	1,235	48	7	1/86 to 9/87	A
All stations combined (n=28)	350	4,500	1,300	1,496	763	51	285		
Middle River Drains (n=8)	121	3,290	740	947	635	67	56	1/86 to 9/87	A
Victoria Canal Drains (n=5)	350	3,010	620	821	533	65	34	1/86 to 9/87	A
West Delta Drains (n=8)	270	2,800	763	862	440	51	53	1/86 to 9/87	A
South Delta Tile Drainage (n=14)	1,900	4,230	3,100	3,098	704	23	27	6/1/86 and 6/13/86	C
West Delta Tile Drainage (n=14)	780	2,870	1,760	1,822	498	27	20	6/2/86 and 6/16/86	C
CCF1 to CCF4	897	6,970	3,683	3,822	2,821	74	8	6/20/2002	D

1/ Coefficient of Variation

2/ Sources

A: Belden et al. 1989

B: DWR 1990, 1994, and 1999 MWQI data query request

C: Chilcott et al. 1988

D: Unpublished DWR Operations and Maintenance Data

Conductivity in all south Delta drains sampled ranged from 350 to 4,500 $\mu\text{S}/\text{cm}$ with a median and average of 1,300 and 1,496 $\mu\text{S}/\text{cm}$, respectively (Table 3-1). Average conductivity was generally highest in the drains along Tom Paine Slough and, to a lesser extent, in those along Paradise Cut (Figure 3-1). The Grant Line Canal drains exhibited the lowest averages and those along Old River ranged from low to high depending on discharge site. Conductivity in all drains was moderately to highly variable with coefficients of variation (CVs) ranging from 15 to 67 percent and an overall CV of 51 percent (Table 3-1).

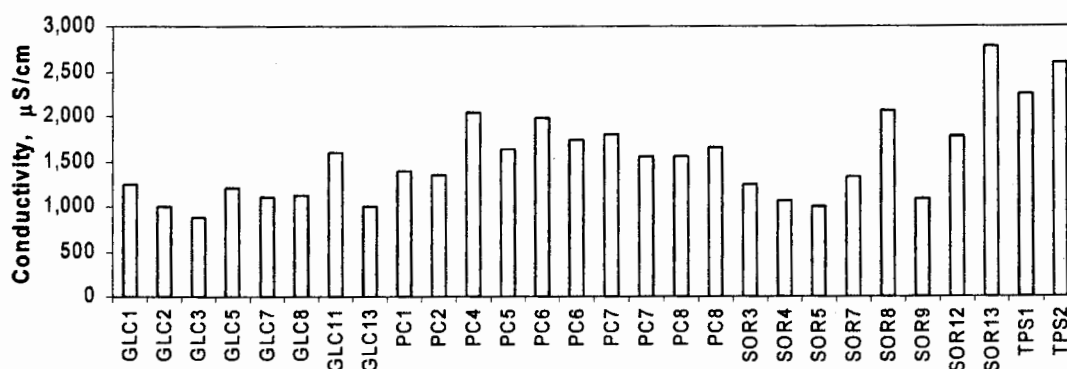


Figure 3-1. Average conductivity in several south Delta drains (see Table 2-1 for station identifiers)

Agricultural drains along Grant Line Canal, Old River, and their tributaries were particularly saline compared to other drains around the Delta. The average conductivity in these south Delta drains (1,496 $\mu\text{S}/\text{cm}$) was 58 to 82 percent higher than the average for several drains located farther north on Middle River, Victoria Canal, and north Old River (821 to 947 $\mu\text{S}/\text{cm}$) (Figure 3-2 and Table 3-1). All drains were sampled within the same period of January 1986 to September 1987, eliminating the possible effects of non-concurrent sampling periods between drains induced by variations in hydrology, operations, etc. (e.g., conductivity during wet versus dry water years). A comparison of tile drainage in the south and west Delta yielded similar results. Conductivity in south Delta tile drains averaged 70 percent higher than tile drainage farther west (Figure 3-2 and Table 3-1).

South Delta drains also exhibited higher salinities than most other island drains in the north, west, and east Delta. Thirteen agricultural drains were sampled between July and November 1964, including some as far north as Clarksburg and as far west as Sherman Island (DWR 1967). Conductivity was lowest in 8 north and east Delta drains with averages ranging from 381 to 879 $\mu\text{S}/\text{cm}$ (Table 3-2). The highest conductivities were reported for 2 south Delta drains on Paradise Cut (average = 1,597 $\mu\text{S}/\text{cm}$) and Old River (average = 3,359 $\mu\text{S}/\text{cm}$) (Table 3-2).

Figure 3-2. Location of agricultural drains on Old and Middle Rivers and Victoria Canal and outlines encompassing tile drain sampling sites (see Table 3-1 for details).

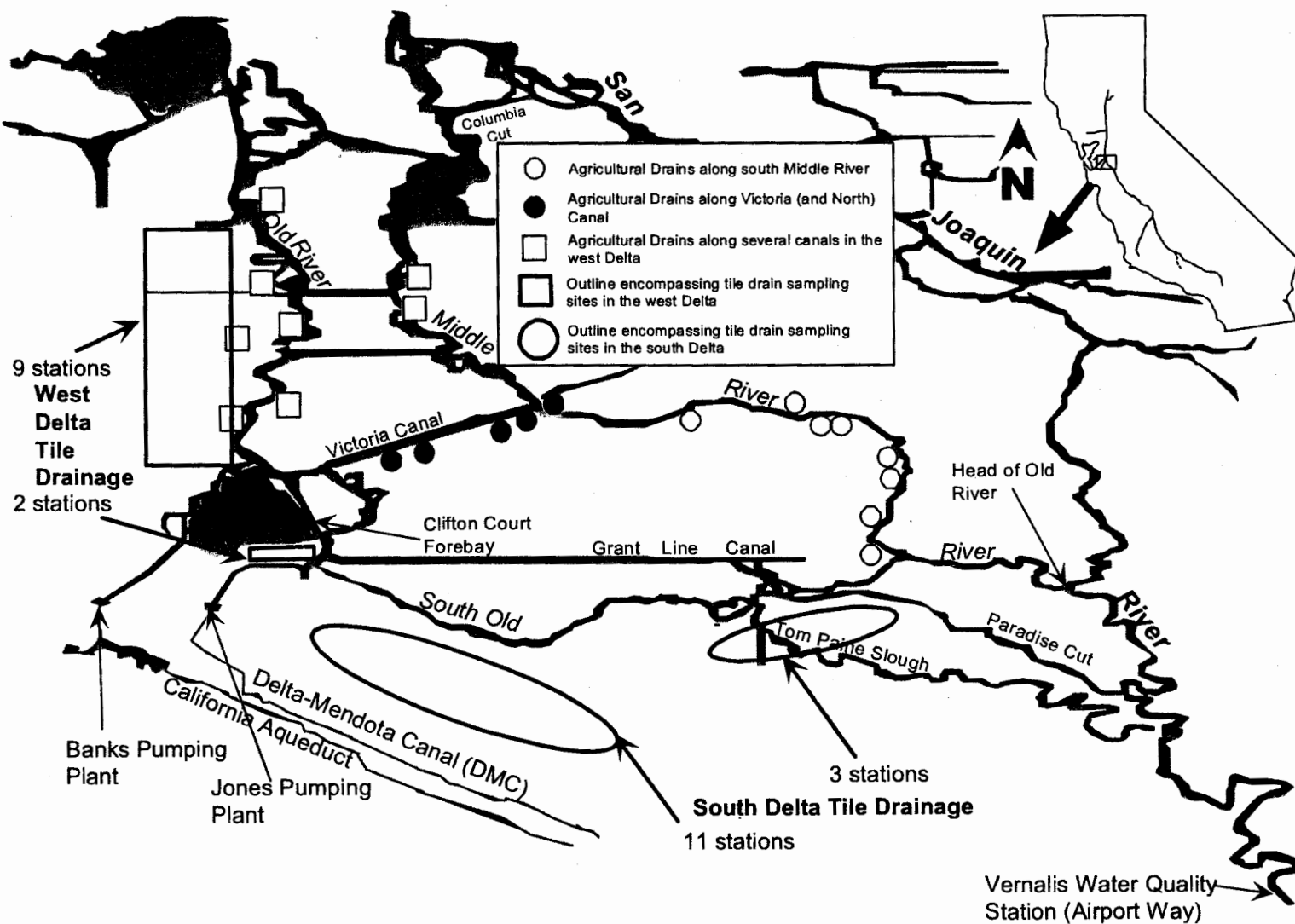


Table 3-2. Summary of conductivity in 13 agricultural drains around the Delta
(source: DWR 1967)

Agricultural Drain Location	Delta Orientation	Station Identification 1/	Conductivity ($\mu\text{S}/\text{cm}$)		
			Miniumum	Maximum	Average
Clarksburg	North	2	140	2,010	845
Grand Island at Ryde New Hope Tract	North	5	225	716	381
New Hope Tract	North	6	270	660	428
Staten Island	North	10	320	1,360	720
Terminus Tract	East	11	360	941	556
Hastings Tract	North-West	4	255	622	384
Sherman Island	West	16	819	2,150	1,495
King Island	East	14	380	1,460	879
Roberts Island at Whiskey Slough	East	22	420	1,280	837
Roberts Island at Burns Cut	South-East	24	700	1,770	1,062
Union Island	South	27	640	1,360	1,175
R. D. 2058 at Paradise Cut	South	28	1,250	1,960	1,597
R. D. 1007 near Old River	South	30	1,800	6,170	3,359

1/ Areal location in Attachment A

Conductivity measurements from a drain on Sherman Island were also relatively elevated with an average 1,495 $\mu\text{S}/\text{cm}$ and a maximum 2,150 $\mu\text{S}/\text{cm}$ (Table 3-2). This island – and others in the west Delta – are periodically affected by seawater intrusion, providing an explanation for the relatively high salinity on Sherman Island.

Unlike the agricultural drain on Sherman Island, those in the south Delta are not likely to be frequently influenced by seawater intrusion. Instead, their saline nature can be explained, in large part, by the makeup and origin of the resident soils.

Based on lithologic maps, much of the surface geology of the Diablo Range immediately up-gradient from the south Delta is generally classified as marine sedimentary rock (Davis 1961). These formations (and others in the Diablo Range) contain an abundance of readily available minerals. Many of the intermittent and ephemeral streams in the Diablo Range exhibit elevated salt concentrations when not heavily diluted by rainfall runoff. Drainage from the Diablo Range contains the usually dominant anions sulfate and bicarbonate and, depending on watershed, a cationic dominance ranging between a combination of sodium, calcium, and magnesium. Chloride is the dominant anion in a small number of Diablo Range watersheds where seawater-like connate waters are known or presumed.

Soils in the southernmost portion of the Delta originated, to varying degrees, from these marine sedimentary rocks. In a major study during the 1950s and 1960s, more than 1,500 20-foot deep holes in the San Joaquin Valley floor were drilled and logged to characterize depth to groundwater, groundwater salinity, and soil stratigraphy (DWR 1970). Detailed logs describe soil characteristics throughout many of the 20-foot bore columns to identify lands that could accommodate irrigation drainage. The information was used to partition the San Joaquin Valley into several general physiographic classifications. Three classifications overlapping the immediate south Delta included alluvial fan material from the Diablo Range, the basin trough, and the basin rim.

Resident soil surrounding the City of Tracy (south, west, east, and just north) was characterized as water-laid sediment forming a slightly sloped alluvial fan. The ancient alluvial fan is composed of eroded material from the Diablo Range. The boundary of the distal end of the alluvial fan (basin rim) generally extends in an east-to-west direction just north of Tracy (the DWR 1970 map was similarly general). The basin rim is a relatively slim band of sedimentary deposits from the Diablo Range with a flat or very slightly sloping topography. From the rim, the basin trough extends to the study boundary at Old River. Soils making up the basin trough are a mixture of sedimentary deposits from the Diablo Range and granitic material from the Sierra Nevada carried into the floodplain during high flow periods.

Therefore, land in the south Delta is bisected with soils of differing types and origins. The alluvial fan material in the southernmost portion of the south Delta originated from the Diablo Range. Studies by the U.S. Geological Survey identified the origin of the ancient alluvium to be the Corral Hollow Creek watershed (Atwater 1982 and Dubrovsky et al. 1991). Groundwater in this alluvium was saltier than other groundwater sources sampled outside of the Diablo Range alluvial fan (Sorenson 1981). These heavily mineralized soils (and accompanying groundwater) provide an explanation for the higher salinities in south Delta agricultural drains. Farther north, the soils transition to a lesser-mineralized mixture of organic deposits, eroded Diablo Range material, and sediment from the Sierra Nevada carried down into the floodplain during heavy runoff. Groundwater in the central and eastern Delta exhibited better quality water with respect to salinity due to these soils (Sorenson 1981). Another more general depiction of Delta lithology shows soils transitioning from a mineral composition at the outer boundary of the Delta to a more organic or peaty composition closer to the core (DWR 1967, see Appendix A).

The salinity of Delta island drainage varies with season and is consistently highest during winter. Figure 3-3A shows monthly conductivity for four south Delta drains with a relatively long history of monitoring (1987 to 1999). Conductivity was generally highest during January to April and October. Data from a drain on Twitchell Island were more extensive and show conductivity was highest during January to March, declined through August then increased into December (Figure 3-3B).

The preceding graphs show that Delta island drainage salinity is highest during the winter and certain fall months. This was supported by studies in the 1950s and 1960s, which concluded that Delta island drainage quality was poorest with respect to conductivity (as well as chloride and nitrogen) during winter and, to a lesser extent, fall (DWR 1956 and 1967). The poor water quality during these seasons was attributed to a build-up of salt in the soils during the growing season and their subsequent leaching after rainfall events or water applications.

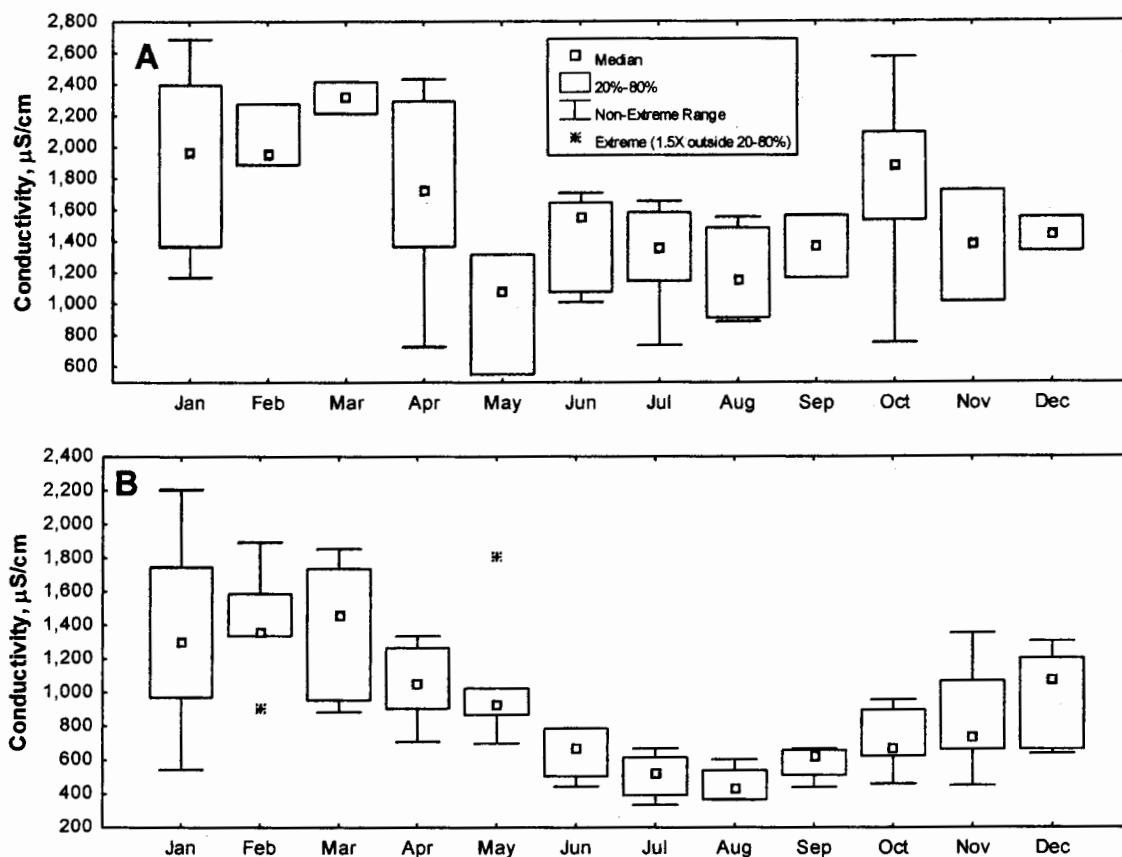


Figure 3-3. Monthly conductivity in 4 agricultural drains discharging to Paradise Cut (stations PC4 and PC6-8 in Table 2-1) (A) and a drain on Twitchell Island (B) from periodic sampling between 1987 and 1999 (sources: DWR 1990, 1994, and 1999)

Point-Sources

The following information was obtained largely from waste discharge requirements (CVRWQCB 2003, 2004A, 2004B, 2005A, 2005B, and 2006B).

The City of Tracy Wastewater Treatment Plant accepts municipal wastewater and pre-treated industrial food processing water from a cheese manufacturer. Effluent conductivity averages 1,753 $\mu\text{S/cm}$ and ranges between 1,008 and 2,410 $\mu\text{S/cm}$ (from Monitoring and Reporting Requirements submittals between July 1998 and December 2004).

The Brown Sand (Inc.) discharge exhibits an average conductivity of 1,167 $\mu\text{S/cm}$ and a range from 683 to 1,930 $\mu\text{S/cm}$ (January 2000 to December 2004).

Discharges from the City of Manteca Wastewater Quality Control Facility exhibit an average conductivity of 1,099 $\mu\text{S/cm}$ with a range between 819 and 1,300 $\mu\text{S/cm}$

(January 1998 to December 2002). The CVRWQCB issued a Cease and Desist order to this facility in 2004 for violation of the conductivity effluent limit of 1,000 $\mu\text{S}/\text{cm}$.

The Deuel Vocational Institution operates a facility to treat municipal wastewater commingled with industrial wastes, stormwater, and contaminated groundwater. Conductivity in the effluent ranges between 1,600 and 2,400 $\mu\text{S}/\text{cm}$ (December 1998 to February 2001). The CVRWQCB issued a Cease and Desist Order to this facility in 2003, in part, for violation of the conductivity limit of 700 $\mu\text{S}/\text{cm}$ (maximum daily of 1,600 $\mu\text{S}/\text{cm}$).

Urban Runoff and Groundwater Effluence

Urban runoff from the City of Tracy drains to Old River via four channels. Urban runoff is not expected to be saline because the conductivity of precipitation is typically low (8 to 63 $\mu\text{S}/\text{cm}$, Hem 1985). However, sources of flushable salt may exist from certain commercial, industrial, or residential activities specific to individual urban watersheds. Water quality monitoring was not an explicit component of Tracy's Storm Water Management Plan (Stantec 2003).

As discussed, several of the urban/agricultural drains also appear to be conveying saline groundwater to Old River. These include SC1, SOR16, SOR17, and possibly, SOR8. Conductivity in 3 of the drains (SC1, SOR16, and SOR17) in early December 2006 was 2,100-2,600 $\mu\text{S}/\text{cm}$ and flow was 1-2 cfs (measurements made for this study). The measurements were made before any appreciable rainfall had fallen during water year 2007. Further, irrigation activities on the surrounding farmlands were not observed during the field visits. A mineralogical analysis supports the contention that flow in these channels was largely from groundwater effluence at the time of sampling.

The mineralogy of SC1, SOR16, and SOR17 was somewhat similar to groundwater from nearby wells (Figure 3-4). The anionic composition of most samples in Figure 3-4 was either chloride or chloride-sulfate dominant. The cationic dominance of most samples was either sodium or sodium-calcium.

The mineralogy of Mountain House Creek (SOR17) was somewhat dissimilar to that of SOR16 and SC1. Sodium in Mountain House Creek composed 74 percent of the cationic content, whereas in SOR16 and SC1, the percentages were around 50 percent (Figure 3-4). Bicarbonate in Mountain House Creek also made up a larger proportion of the anionic content at the expense of sulfate. The differences in mineralogy between Mountain House Creek and the other two groundwater conveyances can be explained by the proximal origin of the associated aquifers.

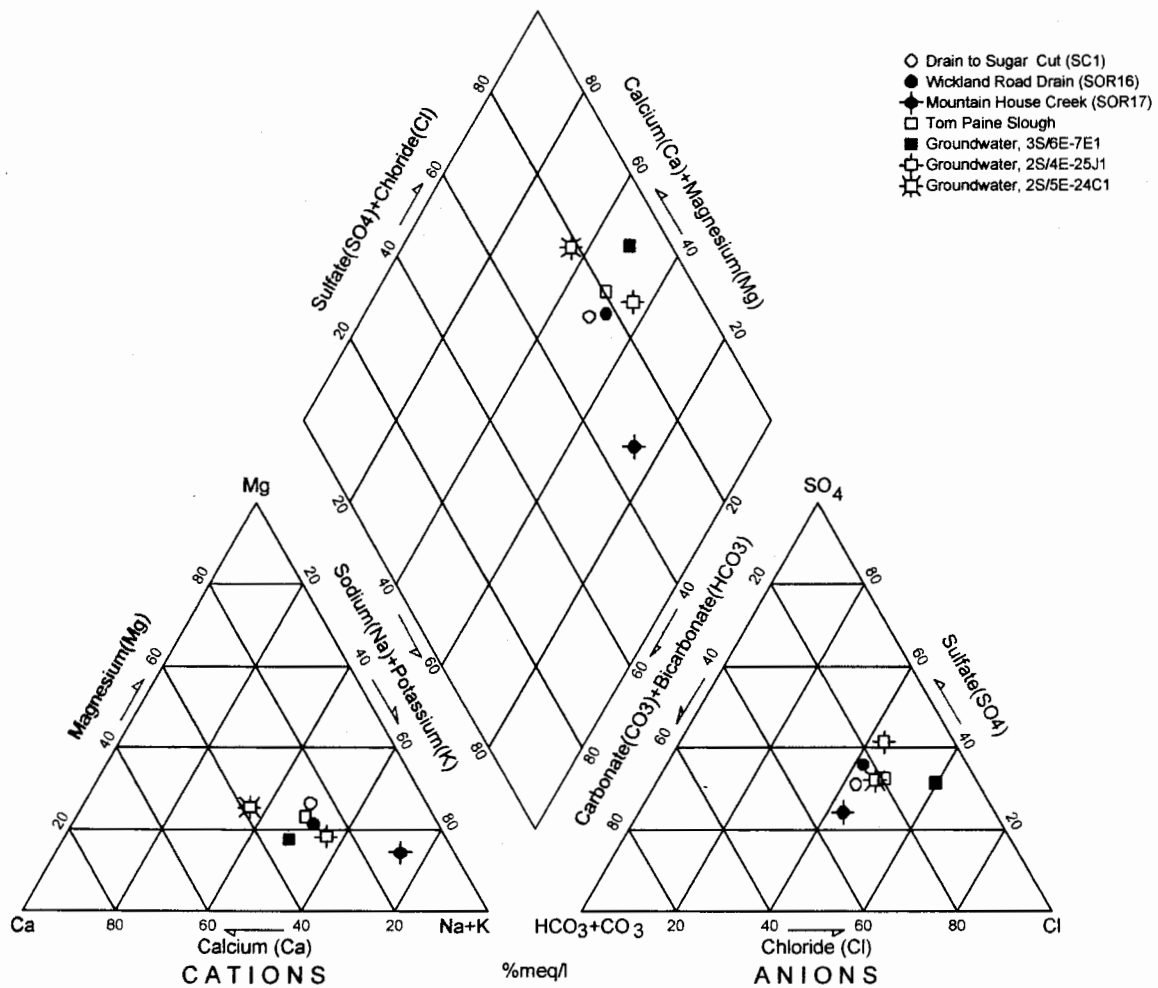


Figure 3-4. Piper graph depiction of several surface and groundwater quality samples collected in the south Delta. The groundwater samples were collected from wells within an approximate 2-mile radius of the center of the City of Tracy. Groundwater was from the semi-confined or upper water-bearing zone (Dubrovsky et al. 1991 and Hotchkiss and Balding 1971).

The groundwater in SC1 and SOR16 emanates from the same Corral Hollow Creek alluvium and is expected to be geochemically dissimilar to that emanating from Mountain House Creek. The quality of groundwater in Mountain House Creek reflects the lithologic makeup of the upstream watershed. This relatively small watershed is several miles north of the Corral Hollow Creek watershed. As discussed, the alluvium in the southernmost portion of the Delta surrounding the City of Tracy originated from the Corral Hollow Creek watershed. The quality of groundwater emanating from Mountain House Creek is expected to be dissimilar to that from Corral Hollow Creek due to the unique geological makeup of individual watersheds (Davis 1961). Although Mountain

House Creek is relatively close to the SOR16 site, the SOR16 drainage channel flows from south-east to north-west with the headwaters extending to the City of Tracy (see Figure 2-3).

A water quality sample was also collected from Tom Paine Slough in early December 2006. The mineralogy of Tom Paine Slough at the time of sampling was nearly identical to SC1 and SOR16 (Figure 3-4). The Diablo Range alluvium controlling the quality of groundwater effluence in these drains also appears to be controlling water quality in Tom Paine Slough. As discussed, several saline agricultural drains discharge to Tom Paine Slough and likely contributed to the slough's mineralogy and high conductivity (2,500 $\mu\text{S}/\text{cm}$) at the time of sampling. It is highly unlikely that these three waterways exhibit nearly identical mineralogies by chance. All six mineral components in the Piper graph (in Figure 3-4) would have to be nearly equal in concentration in all three individual samples. Therefore, the mineralogical similarities between these waterways provide additional evidence that flow in SC1 and SOR16 originated largely from groundwater effluence at the time of sampling.

IV. Diversions

There are more than 100 local irrigation diversions on the subject waterways in the south Delta (DWR 1995). Many of the local diversions were identified as siphons, pumps, or floodgates.

These local diversions can contribute indirectly to channel salinity. The influence of saline discharges is compounded when they co-occur with diversions along the same channels. Diversions remove water that would otherwise be available for in-channel dilution. As such, local diversions indirectly contribute to salinity increases in water flowing to the export sites from the San Joaquin River via Old River and Grant Line Canal.

Studies quantifying local diversions in the Delta have been meager. One study estimated water applications for Delta island irrigation (DWR 1956). Water applications were estimated, in part, from Delta island land use survey data and measured or estimated unit applied-water values for each crop type. Monthly applications during 1954 showed a steady increase from March to July and thereafter a decline through October (Figure 4-1). Total seasonal applications to the 291,667-acre study area amounted to 656,000 acre-feet – an average of 2.25 acre-feet per irrigated acre.

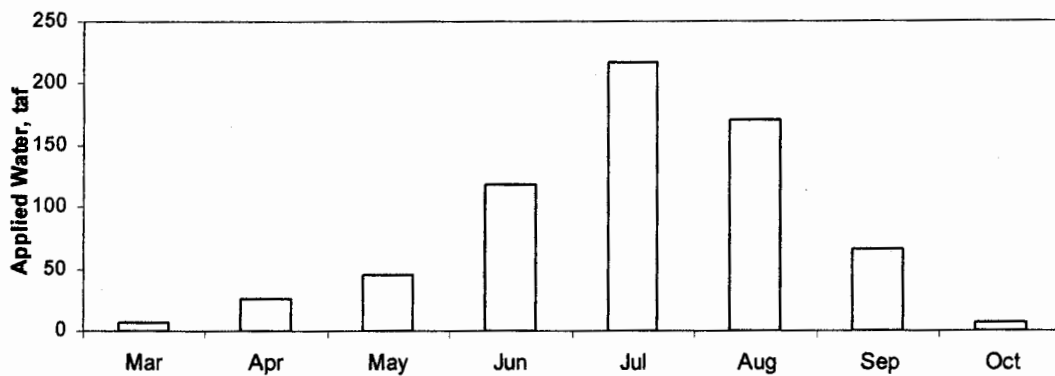


Figure 4-1. Total estimated water applications made to agricultural land in a substantial proportion of the Delta during 1954. The applications were estimated from specific crop use and unit applied-water values (modified from DWR 1956).

Water applications made to Delta islands during November to February were not included in the DWR 1956 study. However, the study stressed that such applications during the non-growing season were necessary to remove salt from the soil. Salt can build up in the root zone during the summer and may adversely affect plant growth the following year. No attempt was made to estimate such applications because leaching practices varied widely. Further, application requirements during fall and winter were considered relatively unimportant because an ample supply of good-quality water was usually available.

One of the larger local agricultural diverters in the south Delta is Banta Carbona Irrigation District. The diversion intake is on the San Joaquin River about 9 river miles below Vernalis, just upstream from the relatively large New Jerusalem Drain (SJR11 in Figure 2-1). The irrigation district delivers water via Banta Carbona Canal to about 16,500 acres of irrigable land and customers such as the City of Tracy (Quinn and Tulloch 2002).

Diversions down Banta Carbona Canal were obtained from Water Master handbooks reported in Quinn and Tulloch (2002). Monthly diversions ranged from 0 to 12,798 acre-feet between 1999 and 2002 and were greatest during May to August (Figure 4-2).

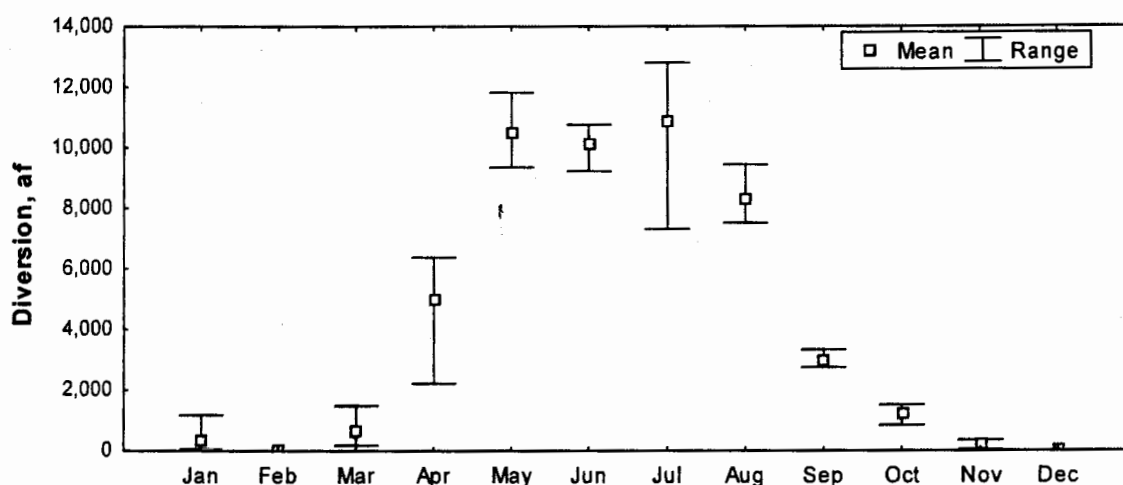


Figure 4-2. Monthly irrigation diversions from the San Joaquin River down the Banta Carbona Canal, 1999 to 2002 (data source: Quinn and Tulloch 2002)

A relatively small amount of water was pumped during October to March (Figure 4-2), possibly indicating little or no water applications for soil leaching. However, soil leaching may be performed with water obtained through other diversion sources such as siphons or gated structures. As noted before, more than 100 diversion sites are along the subject waterways in the south Delta. Using passively operated siphons or gates during months when water is typically most abundant (late fall to winter) would be more economical than pumping.

Data from the same study (Quinn and Tulloch 2002) showed that daily diversions for 2002 reached a maximum of 220 cfs near the end of July (the only year when daily diversions were reported). Flow in the San Joaquin River at Vernalis averaged between 1,100 and 1,300 cfs during the same time. In this case, the peak diversion rate of 220 cfs down Banta Carbona Canal reduced flow in the San Joaquin River by approximately 17 to 20 percent. A diversion rate of 220 cfs is fairly substantial considering that flows below 1,000 cfs in the lower San Joaquin River are not uncommon during drier water years.

Monthly diversions down Banta Carbona Canal during 1972 to 2002 were quite consistent in wet and dry years alike (Quinn and Tulloch 2002). As a result, this individual diversion may induce a greater relative decrease in San Joaquin River flow during drier versus wetter water years in the San Joaquin Valley. Correspondingly, the effect of diversions on downstream salinity due to reduced dilution capacity for co-located saline discharges may also be greatest during drier versus wetter water years.

V. Upstream/Downstream Salinity

Vernalis versus Old River

Upstream/downstream salinity was assessed between Vernalis on the San Joaquin River (SJR) and Old River at Tracy (Boulevard) Bridge (ORTB) (locations are shown in Figure 1-1). Conductivity from 1990 to mid 2006 was obtained from automated water quality monitoring stations. Conductivity was consistently highest at ORTB with the exception of a few relatively short duration periods (Figure 5-1). These short-term exceptions were most protracted around February 2004 and January 2005.

Based on Figure 5-1, salinity consistently increased as water flowed from SJR to ORTB. The previously-discussed interjacent discharges and diversions provide ample evidence for causative upstream-to-downstream increases in salinity. Figure 5-1 would also imply that conductivity periodically decreases – although infrequently – as water flows between stations. The potential for an upstream-to-downstream decrease in salinity is considered unlikely based on the existing information. Periods when conductivity at ORTB was lower than at SJR is most likely associated with the effects of travel-time (discussed later) and simple meter inaccuracy.

Automated water quality meters are often subject to a certain amount of drift between service visits. Conductivity probes and controller assemblages have certain limitations on how long and to what magnitude they will hold a calibration. If drift is not immediately corrected, the data will not reflect accurate salt concentrations even though tracking of relative salinity trends may continue. Inaccuracies of 5 to 10 percent are not uncommon in conductivity data from automated monitoring stations. These percentages can reflect a 10 to 20 percent error difference when comparing data from an upstream/downstream pair of stations that drift in opposing directions.

Other explanations for an actual upstream-to-downstream decrease in conductivity between these stations (other than meter drift) include low-salinity discharges and reverse flow in Old River. Based on studies presented earlier, low-salinity discharges between SJR and ORTB were scarce. Evidence is lacking that any source or sources could overwhelm the preponderance of saline discharges and produce a measurable decrease in channel salinity. Further, reverse flow in Old River and any subsequent salinity reduction from cross-Delta flow is unlikely. In this scenario, water from the central Delta would flow past both State and federal export sites and east up Old River to the automated station at Tracy Boulevard Bridge. This seems unlikely because it would entail reverse flow in Old River for a distance of at least 8 miles and an elevation rise of approximately 5 feet. An exception to this may be when the Old River barrier is installed. This barrier is equipped with single-direction flap-gates and is predicted to induce reverse flow in Old River (DWR 2007).

Salinity is sometimes legitimately lower at ORTB than SJR on the same day due to travel time. Figure 5-2 shows conductivity trends at SJR were observed several days later at ORTB. The delay in rising conductivity trends between stations results in periods

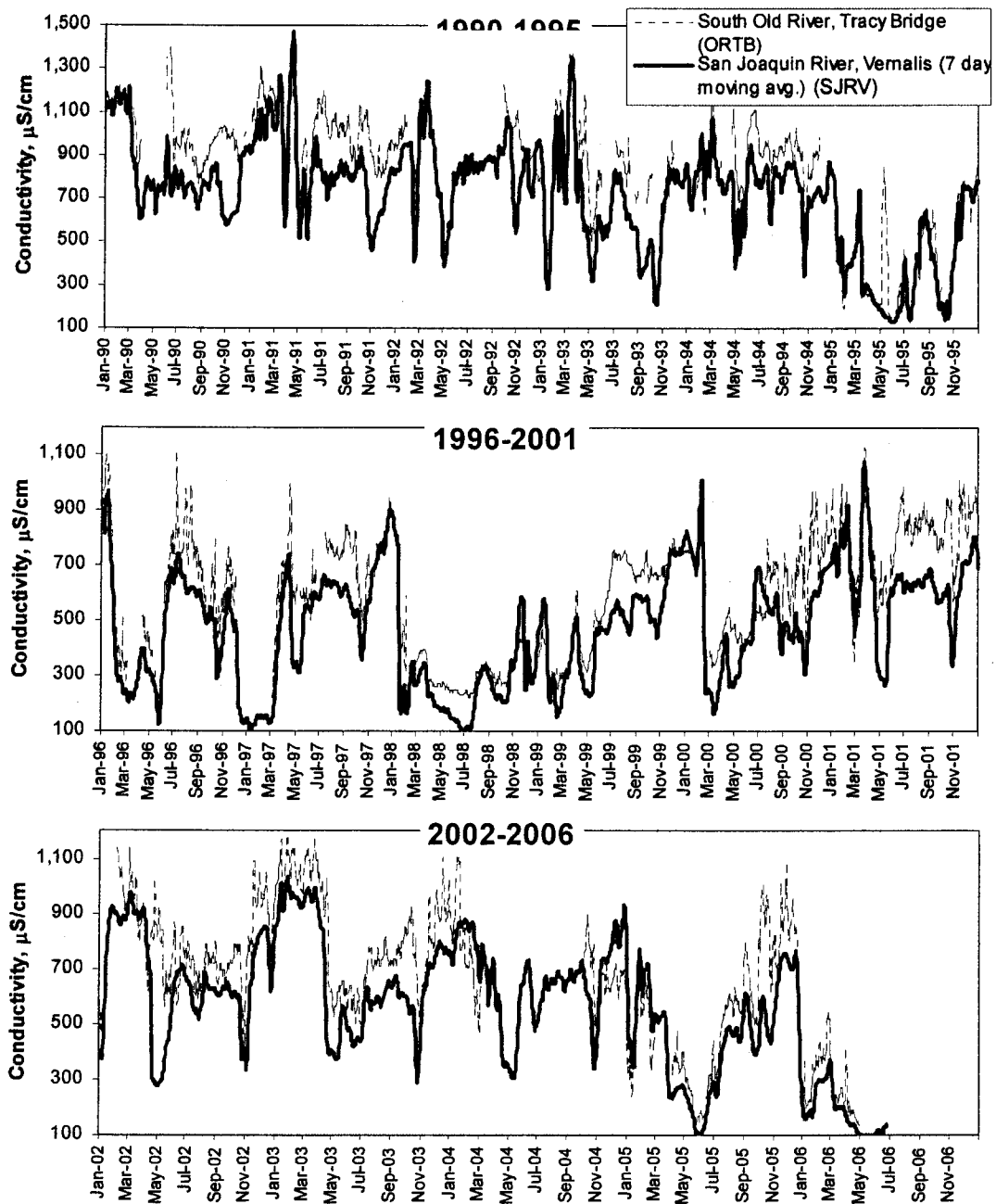


Figure 5-1. Daily automated station conductivity in the San Joaquin River at Vernalis (SJRV, 7-day moving average) and Old River at Tracy (Boulevard) Bridge (ORTB), 1990 to mid 2006 (sources: SWRCB 2006A, HEC-DSS, and CDEC websites accessed June 2006)

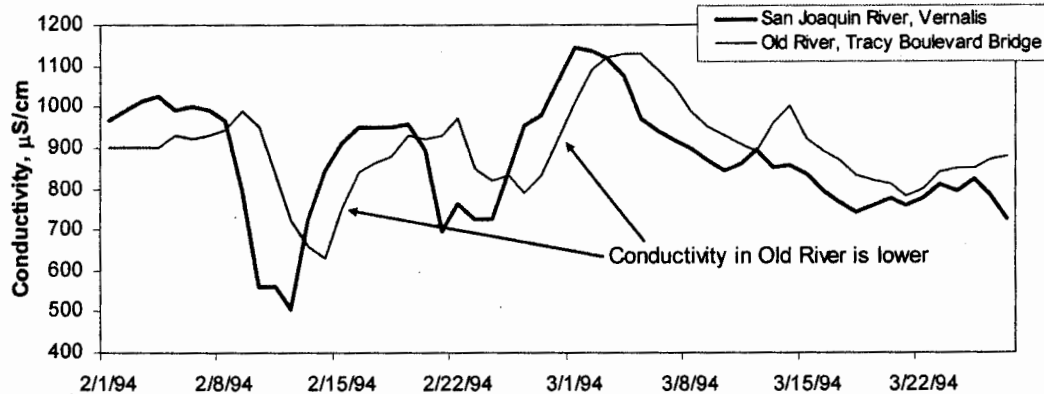


Figure 5-2. Multi-day delay in conductivity trends between the San Joaquin River at Vernalis (SJR) and Old River at Tracy (Boulevard) Bridge (ORTB). Conductivity fluctuations result in periods of higher or lower conductivity between stations on the same day due to travel time.

when conductivity is lower at ORTB than SJRV on the same day. This artifact of travel time also produces the opposite effect – higher salinity at ORTB than SJRV – not necessarily due to any interjacent augmentation, but to a delay in declining conductivity trends between stations due to travel time.

To reduce the effects of travel time on the upstream/downstream analysis, monthly averages were calculated to quantify salinity increases between SJRV and ORTB and the remainder thereof was plotted in Figure 5-3.

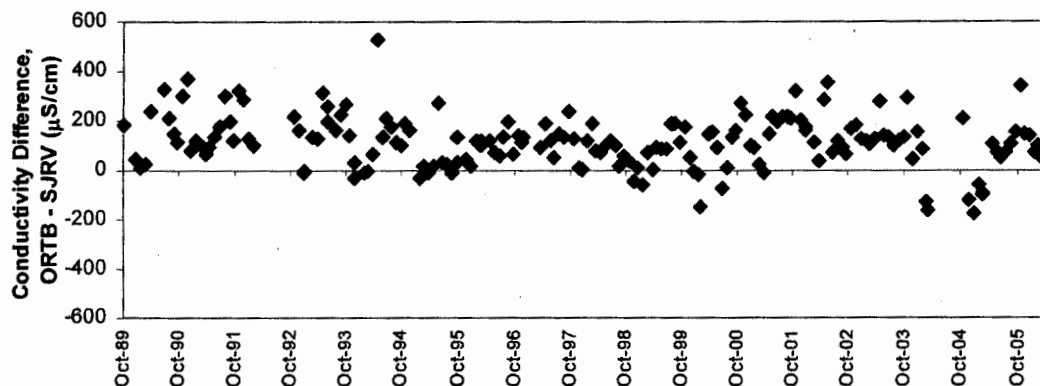


Figure 5-3. Long-term monthly average conductivity differences between the San Joaquin River at Vernalis (SJR) and Old River at Tracy (Boulevard) Bridge (ORTB), late 1989 to mid 2006

Differences in monthly average conductivity between ORTB and SJRV ranged from -178 to 522 $\mu\text{S}/\text{cm}$ with a median of 114 $\mu\text{S}/\text{cm}$. The negative values would imply that

conductivity is sometimes lower at ORTB than at SJRV. However, as discussed earlier, a certain amount of error is unavoidable when comparing data from a pair of upstream/downstream automated stations (inaccuracies and travel time effects), and this error is believed to be largely responsible for the negative values.

Differences in conductivity between ORTB and SJRV exhibited seasonal trends. Monthly average conductivity at ORTB was highest relative to SJRV from April to November (Figure 5-4). During this 8-month period, median values ranged from 100 to 185 $\mu\text{S}/\text{cm}$, and during the other 4 months (December to March), median values were lower ranging from 59 to 76 $\mu\text{S}/\text{cm}$ (Table 5-1).

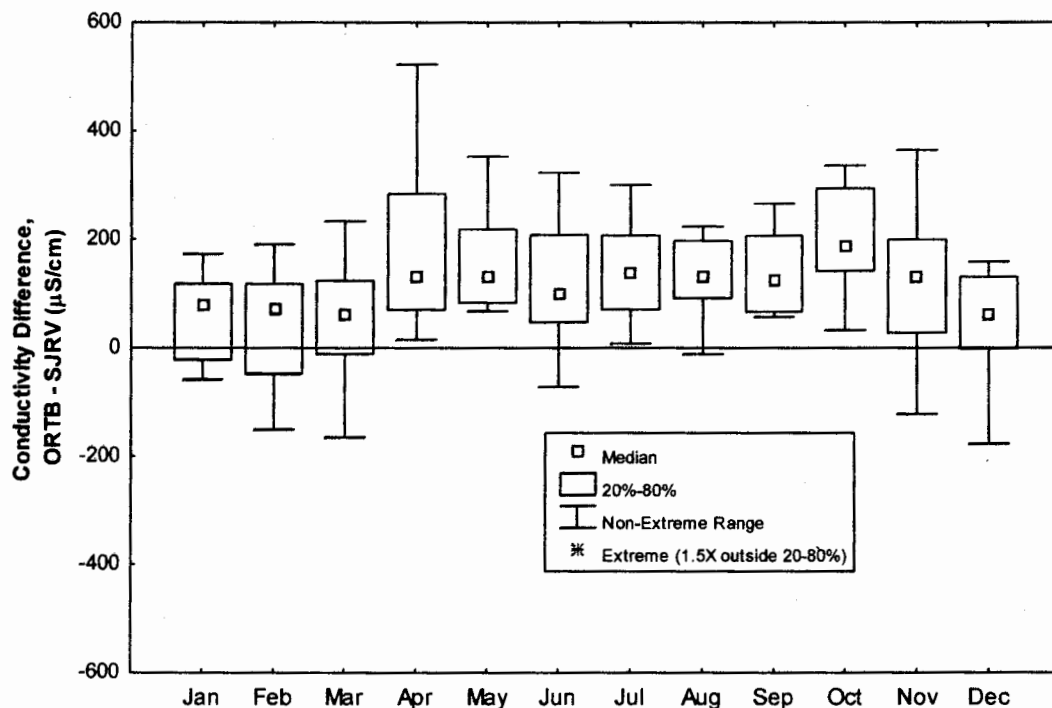


Figure 5-4. Monthly trends in conductivity differences between the San Joaquin River at Vernalis (SJRV) and Old River at Tracy (Boulevard) Bridge (ORTB) and, late 1989 to April 2006

Vernalis versus Grant Line Canal

The same monthly analysis was performed with data from the automated station on Grant Line Canal at Tracy (Boulevard) Bridge (GLCTB). Differences in average monthly conductivity between GLCTB and SJRV ranged from -147 to 544 $\mu\text{S}/\text{cm}$ and were generally highest from April to October with median differences ranging between 43 and 87 $\mu\text{S}/\text{cm}$ (Figure 5-5 and Table 5-2).

The April-to-November trend observed in the comparison between ORTB and SJRV was not as strongly evident between GLCTB and SJRV. The ORTB and GLCTB databases are to a certain extent incongruous and likely introduced some bias in the previous

Table 5-1. Statistics of monthly average conductivity differences between the San Joaquin River at Vernalis (SJRV) and Old River at Tracy (Boulevard) Bridge (ORTB) and, late 1989 to mid-2006

Month	Median	Minimum	Maximum	N	Percentiles	
					20th	80th
Jan	76	-60	171	16	-24	117
Feb	69	-153	190	15	-49	116
Mar	61	-167	232	16	-13	122
Apr	130	14	522	14	69	283
May	129	66	352	13	82	217
Jun	100	-73	323	14	46	207
Jul	136	7	300	14	69	206
Aug	128	-13	223	14	90	196
Sep	123	56	265	14	65	206
Oct	185	31	336	17	140	293
Nov	129	-124	364	16	26	198
Dec	59	-178	157	16	-4	129

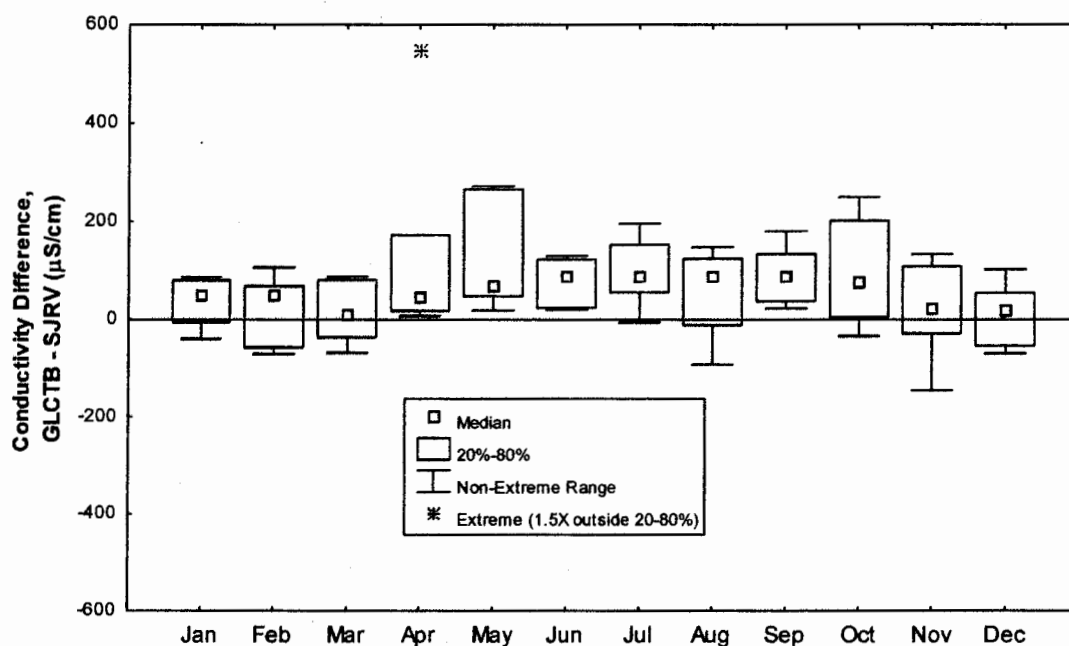


Figure 5-5. Monthly trends in conductivity differences between the San Joaquin River at Vernalis (SJRV) and Grant Line Canal at Tracy (Boulevard) Bridge (GLCTB), late 1991 to mid-2006 (data sources: HEC-DSS and CDEC)

Table 5-2. Statistics of monthly average differences in conductivity between the San Joaquin River at Vernalis and Grant Line Canal at Tracy Bridge, late 1991 to mid-2006

Month	Median	Minimum	Maximum	N	Percentiles	
					20th	80th
Jan	46	-42	84	10	-8	77
Feb	45	-73	104	8	-60	65
Mar	6	-71	85	9	-39	78
Apr	43	5	544	8	16	171
May	68	16	271	7	45	264
Jun	87	18	127	8	22	120
Jul	87	-8	194	7	53	150
Aug	87	-94	146	8	-13	122
Sep	84	20	178	8	35	132
Oct	76	-35	248	10	3	200
Nov	20	-147	131	11	-30	106
Dec	17	-71	100	10	-56	52

analyses with SJRV. First, the temporary barrier on Grant Line Canal was installed for the first time in 1996, reducing the number of years of potential influence (available data extends back to 1991). This was not the case for Old River in which the barrier had been installed in all but one year since 1991. Second, more conductivity data from the GLCTB station had been deleted over the years. For some months, the number of monthly averages available for GLCTB was half that of ORTB (compare N in Tables 5-1 and 5-2). Despite the stated incongruities between the GLCTB and ORTB datasets, both stations consistently exhibited higher conductivities than SJRV.

Old River versus Grant Line Canal

One final comparison shows conductivity was highest at ORTB than GLCTB during most months of the year (Figure 5-6). To eliminate any bias from the aforementioned database incongruities, only data available for both stations on the same day were included in Figure 5-6. Further, data prior to 1996 was excluded from both datasets to remove any potential water quality influence from barrier installation on one waterway and not the other. Conductivity at ORTB was statistically higher than at GLCTB for all months except February and June ($p < 0.05$, Mann-Whitney U-Test).

Several explanations can be provided to account for the higher conductivity at ORTB. One involves the flow differential between Old River and Grant Line Canal. Old River bifurcates with Grant Line Canal about 8 miles downstream from the head of Old River (Figure 5-7). Models estimate that a majority of flow dissociates down Grant Line Canal with the remainder continuing down Old River (DWR 2007). Less water in Old River downstream from the bifurcation translates into less dilution capacity for the numerous saline inputs located on that stretch of river.

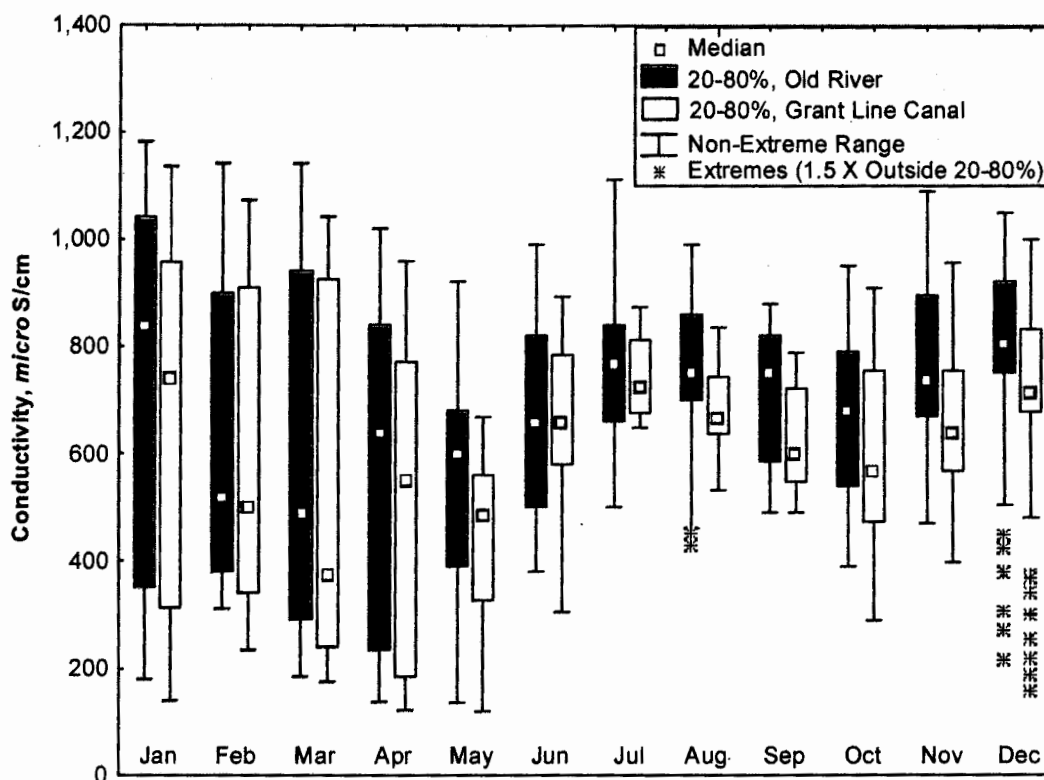


Figure 5-6. Conductivity in Old River at Tracy (Boulevard) Bridge (ORTB) and Grant Line Canal at Tracy (Boulevard) Bridge (GLCTB), 1996 to mid 2006. Only data available at both stations on the same day were used. Conductivity was statistically higher ($p < 0.05$) at ORTB than at GLCTB for all months except February and June (Mann-Whitney U-Test).

Tom Paine Slough, Paradise Cut, and Sugar Cut are three tributaries of Old River. All connect with Old River downstream from the bifurcation with Grant Line Canal (Figure 5-7). A number of saline discharges are situated along these waterways and their outflows are likely contributing to the higher conductivities observed at ORTB.

Discharges to Paradise Cut include seven agricultural drains and one wastewater treatment plant. Data presented earlier show the agricultural drains are often saline with conductivities ranging from 450 to 3,160 $\mu\text{S}/\text{cm}$. The Deuel Vocational Institution also discharges treated sewage to the headwaters of Paradise Cut with conductivities ranging from 1,600 to 2,400 $\mu\text{S}/\text{cm}$. This NPDES facility was recently issued a Cease and Desist Order by the CVRWQCB for exceeding the permit limit for conductivity of 700 $\mu\text{S}/\text{cm}$. Dry season conductivity in Paradise Cut was 2,200 $\mu\text{S}/\text{cm}$ (measurement made for this study in April 2007), revealing the influence of the contributory discharges.

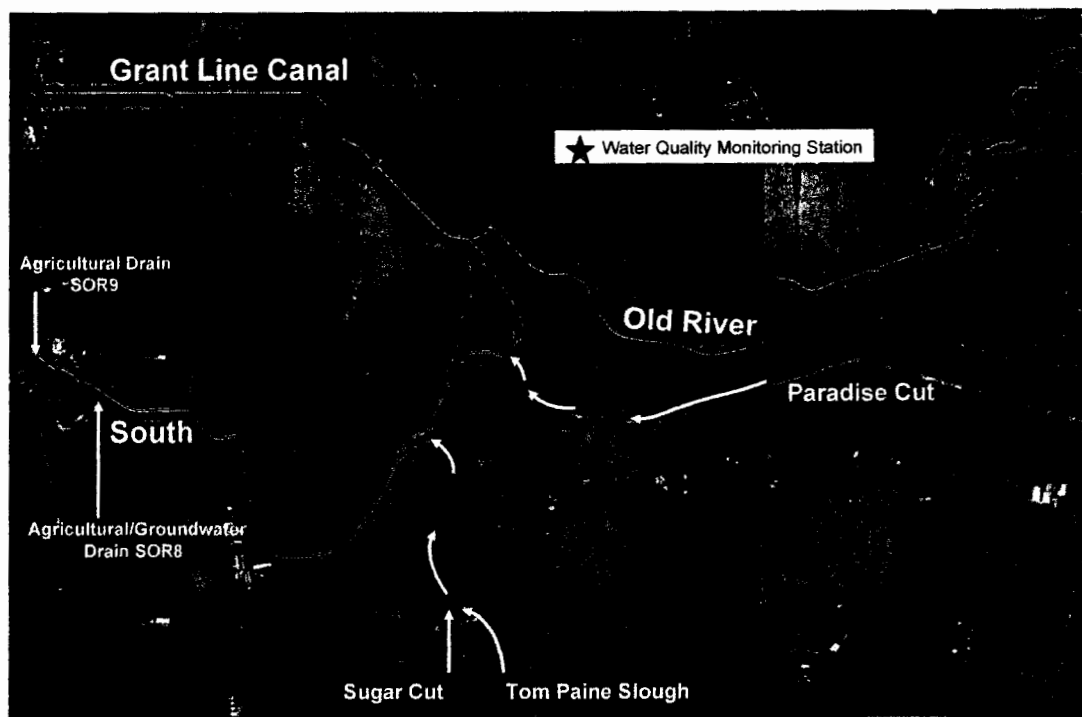


Figure 5-7. Sources of saline water to Old River downstream of the bifurcation with Grant Line Canal

Another tributary of Old River is Tom Paine Slough. The confluence of Tom Paine Slough with Old River is located south-west of the Paradise Cut confluence (Figure 5-7). Water in Tom Paine Slough can be relatively saline from a number of contributory agricultural drains.

Data presented earlier show agricultural drains along Tom Paine Slough were especially salty with conductivities ranging between 1,100 and 4,500 $\mu\text{S}/\text{cm}$. The extra-saline nature of these drains is attributable to the heavily mineralized soils (and associated groundwater) in the southernmost portion of the south Delta. These soils originated from erosion of salt-rich marine sedimentary rocks in the Diablo Range. Soils farther north of the south Delta originated from a variety of sources including floodwaters from the Sierra Nevada. One sample collected from Tom Paine Slough for this study in December 2006 exhibited a conductivity of 2,500 $\mu\text{S}/\text{cm}$, revealing the water quality impact of the drains discharging to this slough.

A siphon on Tom Paine Slough seasonally restricts outflow to Old River. Just upstream from the Old River confluence, four siphons with single-direction flap-gates are situated on a dike across Tom Paine Slough at Sugar Cut (DWR 2004B). The flap-gates allow water to enter the slough on high tide then close with ebb tide as water begins to leave. The siphon helps maintain water levels and is operated during the growing season when stage can be seasonally lowest. During periods when water levels in the south Delta are

not at certain low levels (e.g., under high flow conditions in the San Joaquin River), another gate can be opened to allow water to move freely in and out of Tom Paine Slough. Therefore, water in Tom Paine Slough can only flow to Old River when the unidirectional siphons are not in operation.

Another source with the potential to affect conductivity at ORTB is groundwater effluence to an urban/agricultural drain flowing to Sugar Cut (SC1). The mouth of Sugar Cut merges with Tom Paine Slough just upstream from the confluence with Old River (Figure 5-7). Dry season flow in SC1 is between 1 and 2 cfs with a conductivity of 2,100 $\mu\text{S}/\text{cm}$ (measurements made for this study in December 2006 before any appreciable rainfall had fallen during water year 2007). Other sources of saline water to Sugar Cut include several drainage pumping stations and, possibly, groundwater accretion from wastewater ponds situated directly adjacent Sugar Cut.

One fairly large discharge to the aforementioned urban/agricultural drain, and hence Sugar Cut, is agricultural drainage from Westside Irrigation District. This district has an agreement with the City of Tracy to pump as much as 35 cfs (22.6 mgd) to the drain about a mile upstream from the confluence with Sugar Cut (Reyna e-mail communication 2007).

Lastly, two agricultural discharges on Old River are particularly close to the ORTB water quality station. One pumping station is near Tracy Boulevard Bridge immediately downstream from the ORTB station (SOR9 in Figure 5-7). The other is a short distance upstream from the bridge (SOR8). This latter drain collects drainage from a relatively large parcel of agricultural land south of Old River (from USGS quadrangle maps and aerial photographs at CaliforniaMaps.org). The SOR8 drain may also be intercepting and conveying groundwater to Old River. The conductivity of both SOR8 and SOR9 ranges from 920 to 3,880 $\mu\text{S}/\text{cm}$ (Table 5-3). Conductivity at ORTB may be inordinately influenced by one or both of these drains due to their proximity and saline nature. This was supported by assessing short-term conductivity trends.

Figure 5-8 shows quarter-hour conductivity measurements at ORTB and GLCTB during June 2006. Not only was conductivity higher at ORTB, it also exhibited a daily bimodal oscillation trend that was absent at GLCTB. The oscillations roughly mimicked the same sinusoidal periodicity as tidal stage but at an apparent 11 to 12 hour offset (Figure 5-8).

The conductivity oscillations observed at ORTB reveal that a plume of high-salinity water is cyclically moving past the station's intake with tide. Conductivity temporarily increases as the plume moves into the station's intake zone, then declines as tidal flow reverses. If the nearest agricultural drain (SOR9) is in fact the source of the plume, the rise in conductivity would occur immediately on the incoming or rising tide (the SOR9 agricultural pumping station is on the other side of Tracy Boulevard Bridge from ORTB). This does not appear to be the case in Figure 5-8, which shows that the highest tidal and conductivity crests are separated by 11 to 12 hours.

Table 5-3. Conductivity, chloride, and sulfate in two agricultural drains located on Old River near Tracy Boulevard Bridge (source: Belden et al. 1989)

Drain 1/	Sample Date	Conductivity, $\mu\text{S}/\text{cm}$	Chloride, mg/L	Sulfate, mg/L
SOR8	4/29/1986	2,100	400	300
	7/28/1986	1,100	140	160
	9/9/1986	2,300	400	320
	3/19/1987	3,880	750	
	5/8/1987	1,210	180	
	7/22/1987	1,600	190	200
	9/23/1987	2,250	380	340
SOR9	1/22/1986	920	180	120
	4/29/1986	1,400	270	160
	7/28/1986	940	91	120
	9/9/1986	1,000	190	47
	3/19/1987	1,140	280	
	5/8/1987	1,020	170	
	7/22/1987	990	120	120
	9/23/1987	1,200	210	86

1/ Drain locations in Figure 2-1

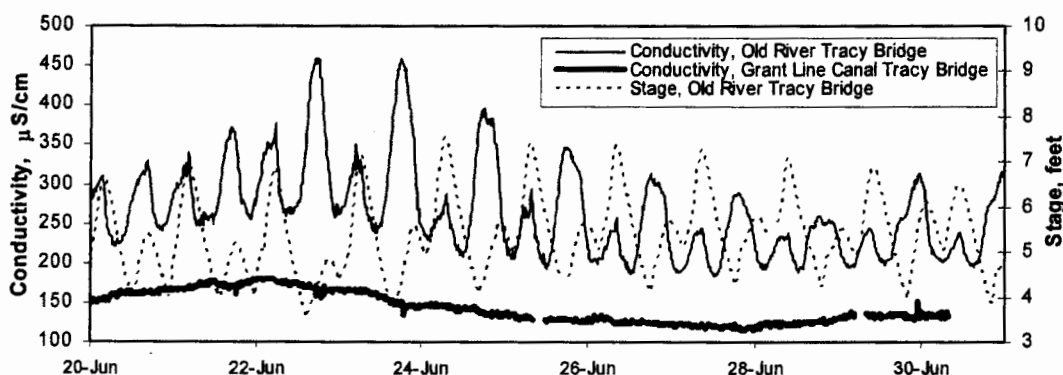


Figure 5-8. Conductivity and stage in Old River at Tracy (Boulevard) Bridge (ORTB) and conductivity in Grant Line Canal at Tracy (Boulevard) Bridge (GLCTB), June 2006 (sources: Swift, email communication 2006 and CDEC)

Another agricultural drain is roughly 1,500 feet upstream from ORTB (SOR8 in Figure 5-7). Drainage from this source is particularly salty with conductivity measurements ranging exclusively above 1,000 $\mu\text{S}/\text{cm}$ (Table 5-3). This drain may also be intercepting and conveying groundwater to Old River year-round. Discharges could build up in Old River during slack tide before moving downstream as a slug of extra-saline water on the outgoing tide. Under this scenario, it may take several tidal cycles before the slug reaches ORTB. Regardless of the source or sources and associated hydrodynamics, evidence of these slugs of extra-saline water were sometimes absent in the database, inferring that the discharge (or discharges) periodically abates.

Figure 5-9 shows conductivity at ORTB during a portion of March-April 2006. First, the conductivity crests were somewhat synchronized with high tide (not necessarily relevant if the source is the upstream discharge). More importantly, oscillation amplitude rose and shrank dramatically within a relatively short period of time.

The fact that the highest conductivity excursions lasted only a few days suggests that the inferred slug of water was only present over the same duration, as if the pumping station was turned on and off. This would make sense if the presumed discharge pump(s) was float-activated as many are in the Delta (DWR 1956). Further, pumping stations can be equipped with multiple pumps that, individually or combined, could also theoretically control the amplitude of the conductivity oscillations at ORTB.

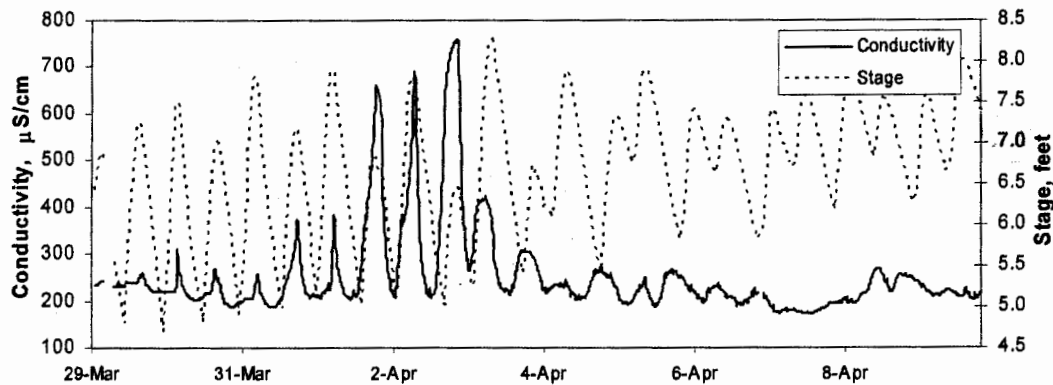


Figure 5-9. Conductivity and stage in Old River at Tracy (Boulevard) Bridge (ORTB), late March to early April 2006 (source: CDEC)

The ORTB water quality station appears to be inappropriately located to make representative water quality measurements of Old River. Based on the above salinity trends, the ORTB station is inordinately influenced by one or more nearby saline discharges. Discharges from the presumed source or sources do not become fully mixed with channel water before reaching ORTB.

VI. Other Water Quality Parameters

Agricultural Drainage

Four agricultural drains along Paradise Cut were sampled for water quality parameters besides salinity (stations PC4 and PC6-8 in Table 2-1). As expected, salt-related parameters such as chloride, sulfate, and bromide were elevated in the drains (Table 6-1). The median chloride concentration of 306 mg/L was above the Secondary Maximum Contaminant Level of 250 mg/L while the median sulfate concentration of 215 mg/L was below it. Bromide ranged from 0.24 to 1.74 mg/L with a median of 0.82 mg/L.

The variability of most minerals in the Paradise Cut drains was moderately high with CVs ranging from 24 to 42 percent and one extreme value of 219 percent for nitrate (Table 6-1). Similar to conductivity, the variability of individual minerals in Delta agricultural drainage is associated with seasonal irrigation practices and the buildup of salt in the soil during the growing season. Salts are leached from the soil during winter from rainfall and water applications, increasing the concentration of minerals in the drainage ditches. The CV of 219 percent for nitrate was biased by 1 extreme concentration of 105 mg/L. The median nitrate concentration was 3.8 mg/L and well below the Primary Maximum Contaminant Level of 45 mg/L (Table 6-1).

Table 6-1. Summary of water quality results from four agricultural drains discharging to Paradise Cut (stations PC4 and PC6-8 in Table 2-1) from periodic sampling between 1987 and 1997 (sources: DWR 1990, 1994, and 1999 MWQI data query)

Parameter, Units	Minimum	Maximum	Median	Average	Std. Dev.	CV 1/	N	MCL 2/
Boron, mg/L	0.2	1.7	0.8	0.8	0.3	38	75	
Bromide, mg/L	0.24	1.74	0.82	0.86	0.36	42	68	
Calcium, mg/L	43	174	98	105	31	29	75	
Chloride, mg/L	117	680	306	341	124	36	78	250**
Dissolved Organic Carbon, mg/L as C	2.2	14	5.1	5.7	2.3	40	102	
Hardness, mg/L as CaCO ₃	194	805	464	499	154	31	75	
Magnesium, mg/L	21	110	51	58	20	34	75	
Nitrate, mg/L as NO ₃	0.5	105	3.8	15	32	219	10	45*
pH	6.9	7.8	7.3				8	
Potassium, mg/L	1.1	10	4.2	4.6	1.8	39	75	
Sodium, mg/L	71	372	177	183	54	30	78	
Sulfate, mg/L	81	482	215	226	73	32	75	250**
Total Alkalinity, mg/L as CaCO ₃	78	326	175	181	43	24	75	
Total Dissolved Solids, mg/L	444	2,120	1,050	1,094	324	30	74	500**
Trihalomethane Formation Potential, µg/L	250	1,400	750	743	262	35	64	
Turbidity, NTU	5	124	28	36	24	67	64	
UV Absorbance @254nm, absorbance/cm	0.059	0.600	0.144	0.156	0.074	47	74	

1/ Coefficient of Variation

2/ * Primary Maximum Contaminant Level

** Recommended Secondary Maximum Contaminant Level

Dissolved organic carbon in the drains along Paradise Cut ranged from 2.2 to 14 mg/L and was moderately correlated with trihalomethane formation potential (THMFP) (Table 6-1 and Figure 6-1). These relatively low concentrations contrast with those from agricultural drains in the central Delta which exhibit much higher levels of DOC due to their peat soils. Some of the highest levels have been reported for drainage from Empire Tract (central-eastern Delta): DOC range = 15 to 119 mg/L, median = 42 mg/L (DWR 1994). The disparity in DOC concentrations between drains in the central and southern Delta illustrates the contrast in water quality between agricultural drainage from islands composed of peat soils versus drainage from islands with more mineralized soils in the south Delta.

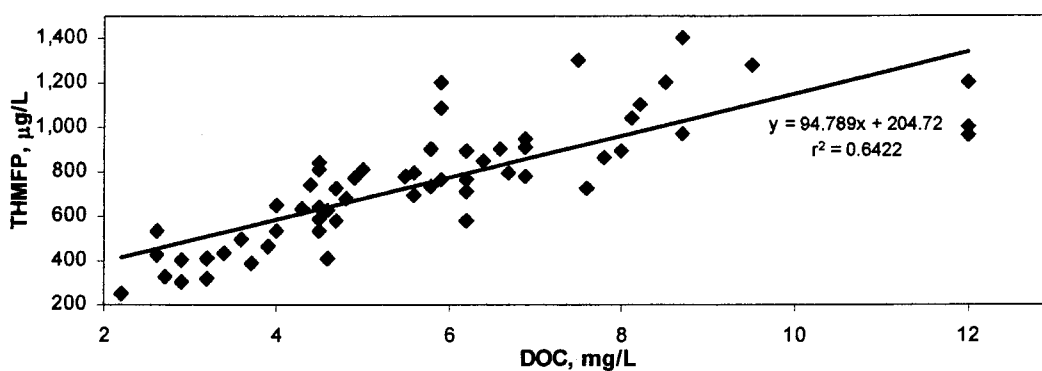


Figure 6-1. Correlation between dissolved organic carbon and trihalomethane formation potential (DWR modified 510.1) in four agricultural drains in the south Delta (PC4 and PC6-8) (data from DWR 1990, 1994, and 1999 MWQI data query)

Dissolved organic carbon in all four south Delta drains was seasonally highest from June to October (Figure 6-2A). These seasonal trends were dissimilar to those from a drain on Twitchell Island in which DOC was highest during the winter and, to a lesser extent, fall (Figure 6-2B). The two distinct DOC trends reveal differing mechanisms controlling seasonal organic carbon concentrations between Delta island drains.

Monthly DOC trends on Twitchell Island generally mimicked those of salinity whereby the highest levels were observed during winter and, to a lesser extent, late fall. Salts accumulate in the soil during the growing season from evaporation and the osmotic exclusion of salts at the root zone of crops consuming irrigation water. The salt residuals left behind at the root zone are dissolved and transported to collector drains during winter rainfall events and water applications. Similar residuals of DOC from Twitchell Island also appear to co-elute with the salts. The seasonal DOC trends observed on Twitchell Island were the opposite of those observed in the south Delta drains along Paradise Cut.

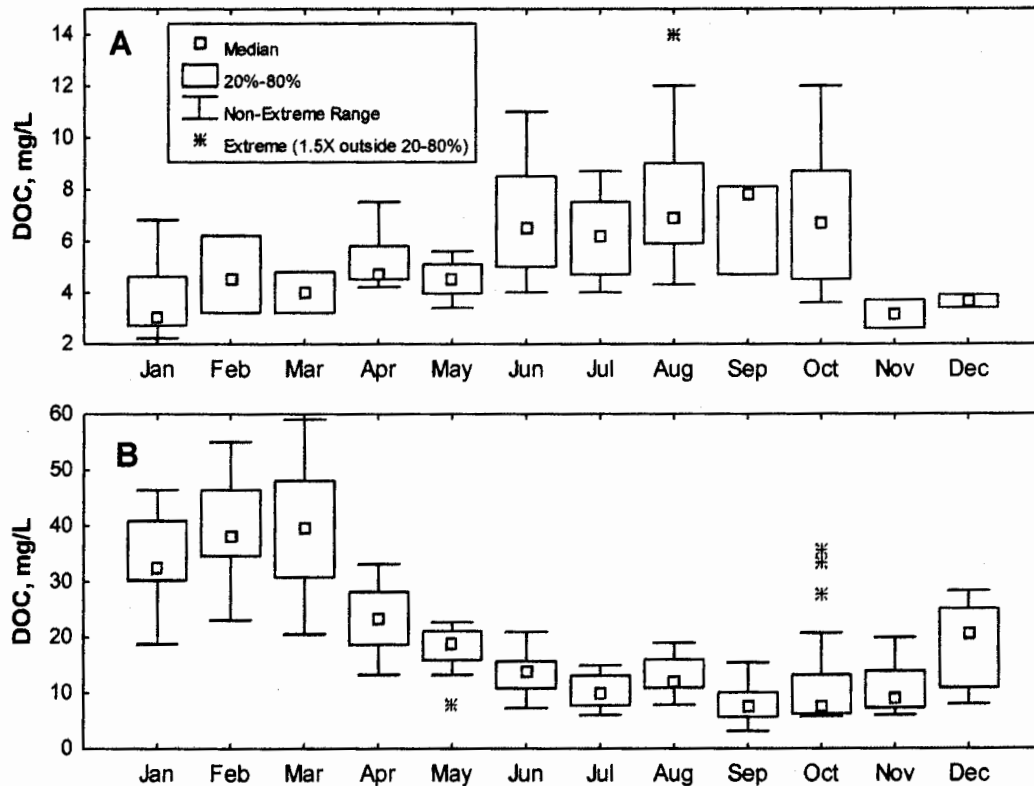


Figure 6-2. Monthly dissolved organic carbon in four drains discharging to Paradise Cut (stations PC4 and PC6-8 in Table 2-1) (A) and a drain on Twitchell Island (B) from periodic sampling between 1987 and 1999 (sources: DWR 1990, 1994, and 1999 MWQI data query)

Unlike Twitchell Island, drains along Paradise Cut exhibited DOC concentrations that were generally highest during June to October and lowest during winter and late fall. Higher levels during the growing season imply that irrigation applications were associated with the higher DOC concentrations – similar to the way irrigation applications coincide with salinity reductions in Delta island drainage. Unlike salinity, DOC in the Paradise Cut drains did not exhibit the same increase in drainage concentrations due to soil leaching from rainfall and winter water applications.

Point Sources

Organic carbon data for point-source discharges in the south Delta were almost non-existent (CVRWQCB 2003, 2004A, 2004B, 2005, and 2006A). Brown Sand listed a TOC concentration of 6.7 mg/L in its permit application. The NPDES permit for the City of Manteca reported a TOC of 13 mg/L. Permits for the other two dischargers (City of Tracy and Deuel Vocational Institution) made no mention of organic carbon levels.

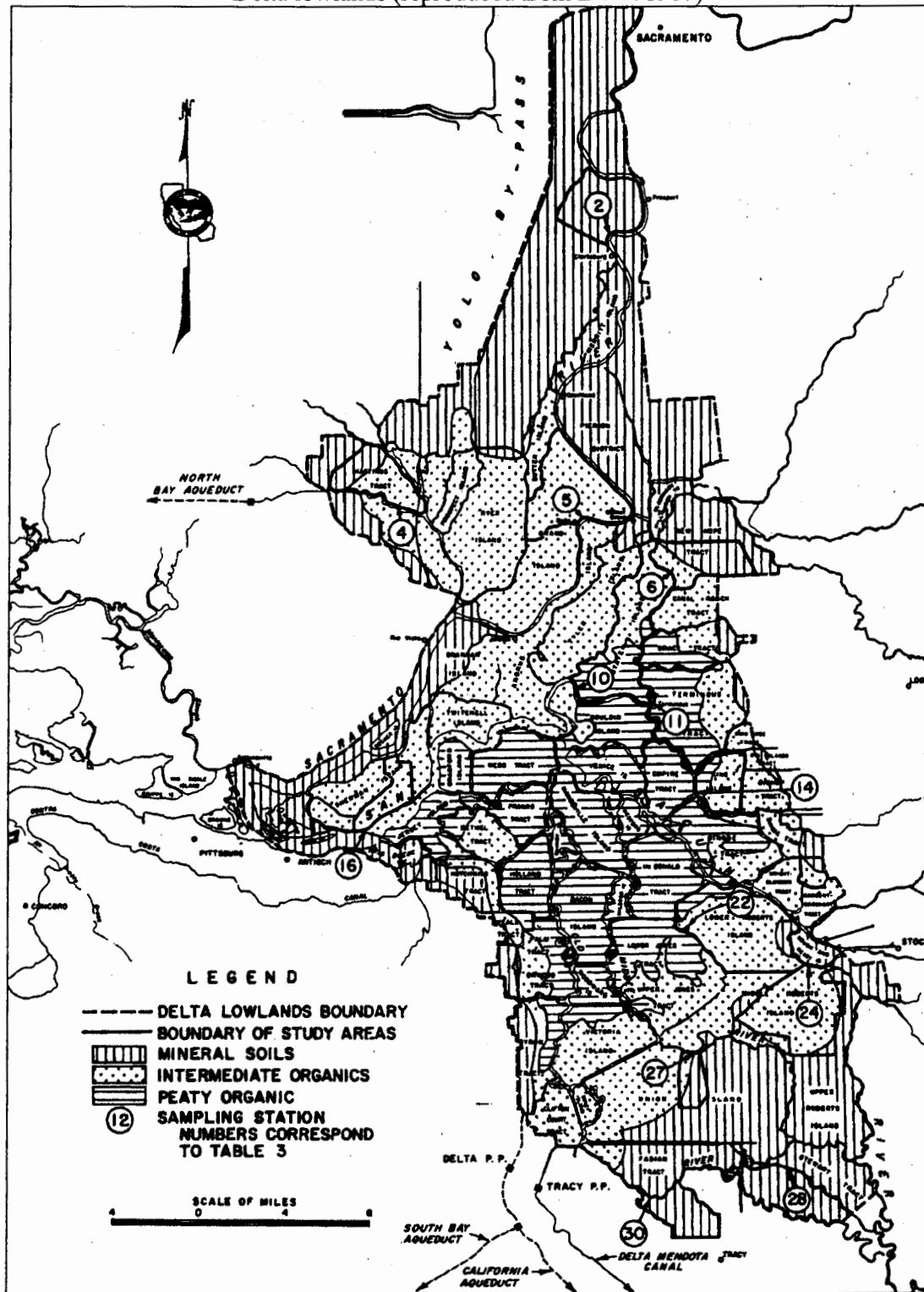
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Attachment A. Composition and distribution of soils in the Sacramento-San Joaquin Delta lowlands (reproduced from DWR 1967)



ATTACHMENT #4

EXCERPTS FROM THE
MONITORING REPORTS OF THE
SAN JOAQUIN COUNTY & DELTA WATER
QUALITY COALITION (2007-2012)
FOR THE IRRIGATED LANDS REGULATORY
PROGRAM

[Note: Yellow highlights and red text boxes are additions to original documents]

Annual Monitoring Report



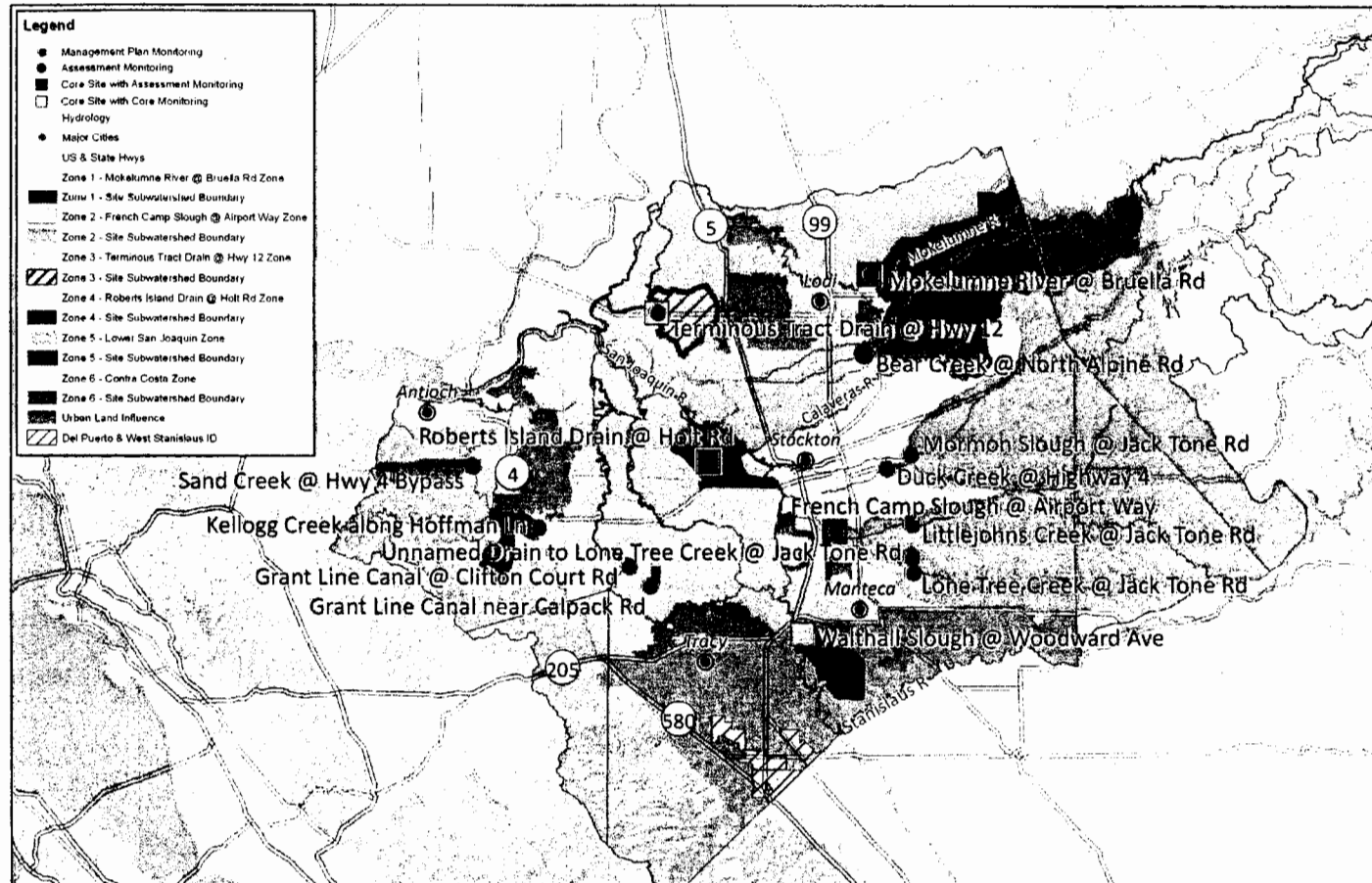
San Joaquin County & Delta Water Quality Coalition



January 2011 – December 2011

March 1, 2012

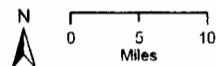
Figure 8. SJCDWQC January through December 2011 monitoring sites relative to zone boundaries



Source of Layers
 Hydrology - NHD hydrodata, 1:24,000 scale, <http://nhd.usgs.gov/>
 Roads, highways, railroads, county boundary, city outlines - California Spatial Information Library
 TRS - Teale Public Land Survey System, Pub. date: 20090101, California Spatial Information Library
 Parcel Layer - Contra Costa County 2011, San Joaquin County 2011
 Basemap, Shaded Relief - ESRI
 GSC North America 1983

Date Prepared: 07/06/11

SJCDWQC



SJCDWQC January - December 2011 Monitoring Sites Zone Boundaries & Urban Land Influence

Table 32. Water Quality Trigger Limits (WQTLs)

CONSTITUENT	WATER QUALITY TRIGGER LIMIT (WQTL)	STANDARD TYPE	BENEFICIAL USE (BU) WITH MOST PROTECTIVE LIMIT	REFERENCE FOR THE TRIGGER LIMIT	CATEGORY (SEE FOOTNOTES)
pH	6.5 - 8.5 units	Numeric		Sacramento/San Joaquin Rivers Basin Plan (page III.6.00)	1
Electrical Conductivity (maximum)	700 µmhos/cm	Narrative	Agricultural Supply	Water Quality for Agriculture (Ayers & Westcott)	3
Dissolved Oxygen (minimum)	7 mg/L	Numeric	Cold Freshwater Habitat, Spawning	Sacramento/San Joaquin Rivers Basin Plan. Water Quality Control Plan for the Tulare Lake Basin.	1
	5 mg/L		Warm Freshwater Habitat	Basin Plan Objective, page III-5.00: for waters designated WARM (aquatic life). Tulare Lake Basin Plan	
Turbidity	variable	Numeric	Municipal and Domestic Supply	Basin Plan Objective - increase varies based on natural turbidity	1
Total Dissolved Solids	450 mg/L	Narrative	Agricultural Supply	Water Quality for Agriculture (Ayers & Westcott)	3
Total Suspended Solids	NA				
Temperature	variable	Numeric		Basin Plan Objective (see objectives for COLD, WARM, and Enclosed Bays and Estuaries)	1
<i>E. coli</i>	235 MPN/100 ml	Narrative	Water Contact Recreation	EPA ambient water quality criteria, single-sample maximum	3
Fecal coliform	200 MPN/100 ml 400 MPN/100 ml	Numeric	Water Contact Recreation	Sacramento/San Joaquin Rivers Basin Plan (page III.3.00) Geometric mean of not less than five samples for any 30- day period, nor shall more than 10% of the total number of samples taken during a 30 -day period.	1
TOC	NA				
Pesticides – Carbamates					
Aldicarb	3 µg/L	Numeric	Municipal and Domestic Supply	Sacramento/San Joaquin Basin Plan Chemical Constituents Objective: United States Environmental Protection Agency (USEPA) Primary MCL. (MUN, human health)	1
Carbaryl	2.53 µg/L	Narrative	Freshwater Habitat	Sacramento/San Joaquin Basin Plan Toxicity Objective: Freshwater Aquatic Life Protection - Continuous Concentration, 4-Day Average	3
Carbofuran	ND	Numeric		Sacramento/San Joaquin Basin Plan - Basin Plan Prohibition	2
Methiocarb	0.5 µg/L	Narrative	Freshwater Habitat	Sacramento/San Joaquin Basin Plan Toxicity Objective: Handbook of Acute Toxicity of Chemicals to Fish and Aquatic Invertebrates	3
Methomyl	0.52 µg/L	Narrative	Freshwater Habitat	Sacramento/San Joaquin Basin Plan Toxicity Objective: Freshwater Aquatic Life Protection - Continuous Concentration, 4-Day Average (California Department of Fish and Game) (aquatic life)	3
Oxamyl	50 µg/L	Numeric	Municipal and Domestic Supply	Sacramento/San Joaquin Basin Plan Chemical Constituents Objective: Drinking Water Standards - MCLs. California Dept of Health Services. Primary MCL	3
Pesticides – Organochlorines					
DDD(p,p')	0.00083 µg/L	Numeric	Municipal and Domestic Supply	Sacramento/San Joaquin Basin Plan Chemical Constituents Objective: CTR, Human Health Protection, 30-Day Average - Sources of Drinking Water (water & fish consumption)	1
DDE(p,p')	0.00059 µg/L				
DDT(p,p')	0.00059 µg/L				
Dicofol	NA				

Table 43. Zone 4 (Grant Line Canal @ Clifton Court Rd, Grant Line Canal near Calpack Rd, Kellogg Creek along Hoffman Ln and Roberts Island Drain @ Holt Rd) exceedances

ZONE 4 STATION NAME	SAMPLE TYPE CODE	SAMPLE DATE	DO, MG/L	PH, NONE	SC, μ S/CM	TOTAL DISSOLVED SOLIDS, MG/L	E. COLI, MPN/100 ML	ARSENIC, μ G/L	CHLORPYRIFOS, μ G/L	S. CAPRICORNUTUM % CONTROL	H. AZTECA, % CONTROL
Grant Line Canal @ Clifton Court Rd	MPM	1/11/2011			844						
Grant Line Canal @ Clifton Court Rd	MPM	2/8/2011			1975						
Grant Line Canal @ Clifton Court Rd	MPM, SED	3/8/2011			1972						80
Grant Line Canal @ Clifton Court Rd	MPM	5/24/2011			1932						
Grant Line Canal @ Clifton Court Rd	MPM	6/28/2011	1.26								
Grant Line Canal @ Clifton Court Rd	MPM	7/26/2011	3.50		940						
Grant Line Canal @ Clifton Court Rd	MPM	8/23/2011	0.34								
Grant Line Canal @ Clifton Court Rd	MPM, SED	10/14/2011	3.72		1031						79
Grant Line Canal near Calpack Rd	MPM	1/11/2011			1574					53	
Grant Line Canal near Calpack Rd	MPM	2/8/2011			1435						
Grant Line Canal near Calpack Rd	MPM, SED	3/8/2011			1586						
Grant Line Canal near Calpack Rd	MPM	4/12/2011			909						
Grant Line Canal near Calpack Rd	MPM	5/24/2011			1921						
Grant Line Canal near Calpack Rd	MPM	7/26/2011	6.00								
Grant Line Canal near Calpack Rd	MPM	9/20/2011			1177						
Grant Line Canal near Calpack Rd	MPM, SED	10/14/2011	6.28		1325						86
Kellogg Creek along Hoffman Ln	MPM, SED	3/8/2011			740						78
Kellogg Creek along Hoffman Ln	MPM	4/12/2011		8.81							
Kellogg Creek along Hoffman Ln	MPM	8/23/2011		8.84							
Kellogg Creek along Hoffman Ln	MPM	9/20/2011		8.96							
Kellogg Creek along Hoffman Ln	MPM, SED	10/14/2011		9.04							62
Roberts Island Drain @ Holt Rd	NM	1/11/2011			1052	620	>2400	12	0.016		
Roberts Island Drain @ Holt Rd	NM	1/13/2011		6.03	1769						
Roberts Island Drain @ Holt Rd	NM	2/8/2011			1074	630			0.016		
Roberts Island Drain @ Holt Rd	NM, SED	3/8/2011			1287	750					

ZONE 4 STATION NAME	SAMPLE TYPE CODE	SAMPLE DATE	DO, MG/L	PH, NONE	SC, μ S/CM	TOTAL DISSOLVED SOLIDS, MG/L	E. COLI, MPN/100 ML	ARSENIC, μ G/L	CHLORPYRIFOS, μ G/L	S. CAPRICORNUTUM % CONTROL	H. AZTECA, % CONTROL
Roberts Island Drain @ Holt Rd	NM	4/12/2011			2085	1200	>2400				
Roberts Island Drain @ Holt Rd	NM	5/24/2011			1232	660					
Roberts Island Drain @ Holt Rd	NM	6/28/2011	4.44		892	500					
Roberts Island Drain @ Holt Rd	NM	8/23/2011	6.52				520				
Roberts Island Drain @ Holt Rd	NM	10/6/2011	6.11		746	510					
Roberts Island Drain @ Holt Rd	NM, SED	10/14/2011	6.39								
Roberts Island Drain @ Holt Rd	NM	11/15/2011			762						
Roberts Island Drain @ Holt Rd	NM	12/13/2011			1449	980					

DO-Dissolved Oxygen

MPM- Management Plan Monitoring

NM-Normal Monitoring

MPN-Most Probable Number

SED-Sediment monitoring

SC-Specific Conductance

for chlorpyrifos will continue at Walthall Slough @ Woodward Ave during 2012 as part of TMDL compliance monitoring as well as during months of past exceedances as part of Year 0 MPM.

Table 44. Zone 5 (Walthall Slough @ Woodward Ave) exceedances

ZONE 5 STATION NAME	SAMPLE TYPE CODE	SAMPLE DATE	DO, MG/L	SC, μS/CM	TOTAL DISSOLVED SOLIDS, MG/L	E. COLI, MPN/100 ML	NITRATE + NITRITE AS N, MG/L	CHLORPYRIFOS, μG/L
Walthall Slough @ Woodward Ave	NM	1/11/2011		750	460			
Walthall Slough @ Woodward Ave	NM	3/8/2011		760				
Walthall Slough @ Woodward Ave	NM	4/12/2011	4.67					
Walthall Slough @ Woodward Ave	NM	5/24/2011	3.34			280		
Walthall Slough @ Woodward Ave	NM	6/28/2011	2.44					
Walthall Slough @ Woodward Ave	NM	7/26/2011	3.27					
Walthall Slough @ Woodward Ave	NM	8/23/2011	3.21					
Walthall Slough @ Woodward Ave	NM	9/20/2011	2.38					0.083
Walthall Slough @ Woodward Ave	NM	10/6/2011	3.97					0.078
Walthall Slough @ Woodward Ave	NM	11/15/2011	6.77	708	470		11	
Walthall Slough @ Woodward Ave	NM	12/13/2011		712	480		14	

DO-Dissolved Oxygen

NM-Normal Monitoring

MPN-Most Probable Number

SC-Specific Conductance

Annual Monitoring Report



San Joaquin County & Delta Water Quality Coalition



January – December 2010

March 1, 2011

Figure 8. SJCDWQC January through December 2010 Monitoring Sites relative to Zone Boundaries.

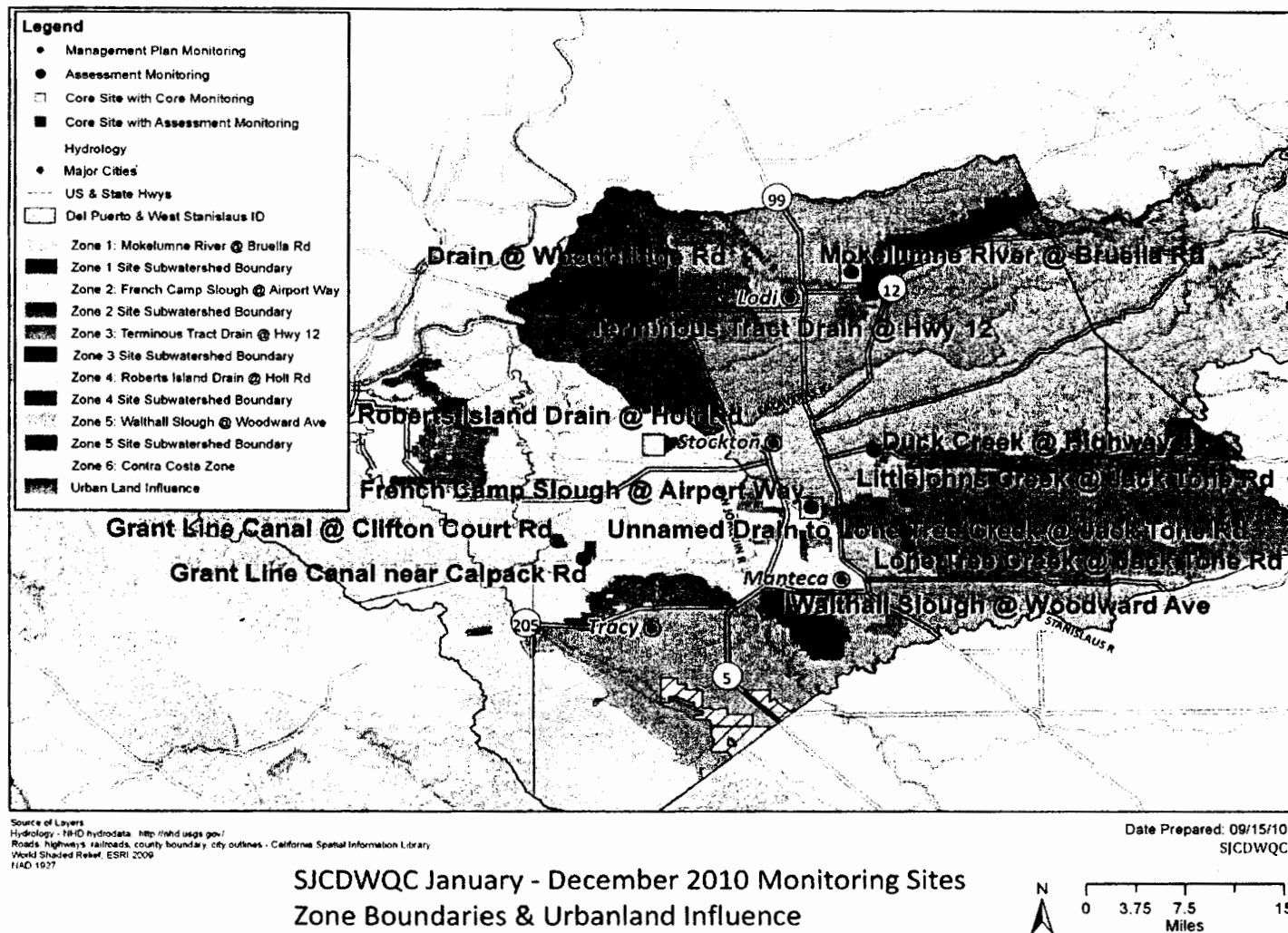


Table 41. Zone 4 (Grant Line Canal @ Clifton Court Rd, Grant Line Canal near Calpack Rd, Roberts Island Drain @ Holt Rd) Exceedances.

ZONE	STATION NAME	SAMPLE TYPE CODE	SAMPLE DATE	DO, MG/L	SC, μ S/CM	E. COLI, MPN/100 ML	TOTAL DISSOLVED SOLIDS, MG/L	CHLORPYRIFOS, μ G/L	C. DUBIA, % CONTROL	S. CAPRICORNUTUM % CONTROL	H. AZTECA, % CONTROL
4	Grant Line Canal @ Clifton Court Rd	MPM	5/11/2010	6.23						11	
4	Grant Line Canal @ Clifton Court Rd	MPM	6/8/2010		1523						
4	Grant Line Canal @ Clifton Court Rd	MPM	7/13/2010	6.71							
4	Grant Line Canal @ Clifton Court Rd	MPM	8/10/2010	6.37	1172						
4	Grant Line Canal @ Clifton Court Rd	MPM	9/7/2010	6.28	798			0.044			30
4	Grant Line Canal near Calpack Rd	MPM	4/13/2010		1713						
4	Grant Line Canal near Calpack Rd	MPM	5/11/2010	4.75	1357						
4	Grant Line Canal near Calpack Rd	MPM	7/13/2010	6.55	934						
4	Grant Line Canal near Calpack Rd	MPM	8/10/2010	5.50	925						
4	Grant Line Canal near Calpack Rd	MPM	9/7/2010		1017						91
4	Roberts Island Drain @ Holt Rd	NM	1/13/2010		1199		670				
4	Roberts Island Drain @ Holt Rd	NM	2/9/2010		1602		930				
4	Roberts Island Drain @ Holt Rd	NM	3/16/2010		1862		1100		75		
4	Roberts Island Drain @ Holt Rd	NM	4/13/2010		1429		800				
4	Roberts Island Drain @ Holt Rd	NM	5/11/2010		1426	280	890				
4	Roberts Island Drain @ Holt Rd	NM	6/8/2010	4.03	778	550	460				
4	Roberts Island Drain @ Holt Rd	NM	7/13/2010	4.89	745	370					
4	Roberts Island Drain @ Holt Rd	NM	8/10/2010	5.09	843		520				
4	Roberts Island Drain @ Holt Rd	NM	9/7/2010	3.66	824		480				
4	Roberts Island Drain @ Holt Rd	NM	10/12/2010		946		540				
4	Roberts Island Drain @ Holt Rd	NM	11/9/2010		1618		960				
4	Roberts Island Drain @ Holt Rd	NM	12/7/2010		1022		640				

NM-Normal Monitoring
 MPM-Management Plan Monitoring
 DO-Dissolved Oxygen
 SC-Specific Conductance

Table 42. Zone 5 (Walthall Slough @ Woodward Ave) Exceedances.

ZONE	STATION NAME	SAMPLE TYPE CODE	SAMPLE DATE	DO, MG/L	SC, µS/CM	TOTAL DISSOLVED SOLIDS, MG/L	E. COLI, MPN/100 mL	NITRATE + NITRITE AS N MG/L	DDE, µG/L	H. AZTECA, % CONTROL
5	Walthall Slough @ Woodward Ave	NM	1/13/2010	2.94	784					
5	Walthall Slough @ Woodward Ave (FD)	NM	1/13/2010				250			
5	Walthall Slough @ Woodward Ave	NM	2/9/2010		719					
5	Walthall Slough @ Woodward Ave	NM	5/11/2010	5.88			310			
5	Walthall Slough @ Woodward Ave	NM	6/8/2010	4.55						
5	Walthall Slough @ Woodward Ave	NM	7/13/2010	5.06						
5	Walthall Slough @ Woodward Ave	NM	8/10/2010	4.83						
5	Walthall Slough @ Woodward Ave	NM	9/7/2010	6.88			250			69
5	Walthall Slough @ Woodward Ave (FD)	NM	9/7/2010							74
5	Walthall Slough @ Woodward Ave	NM	12/7/2010		733	460		11		
5	Walthall Slough @ Woodward Ave (FD)	NM	12/7/2010			460			0.0049J	

J – Estimated value; between the reporting limit and the minimum detection limit

FD-Field Duplicate

NM-Normal Monitoring

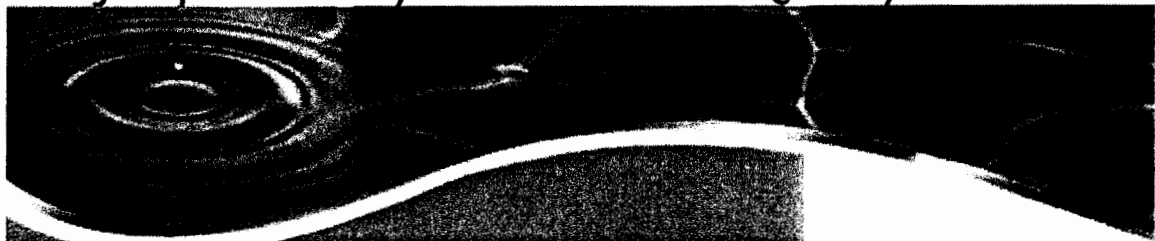
DO-Dissolved Oxygen

SC-Specific Conductance

Annual Monitoring Report



San Joaquin County & Delta Water Quality Coalition



[For period from October 2008-December 2009]

Sample Site Locations

Figure 9. Coalition map of site subwatershed sample locations relative to zone boundaries October 2008-December 2009.

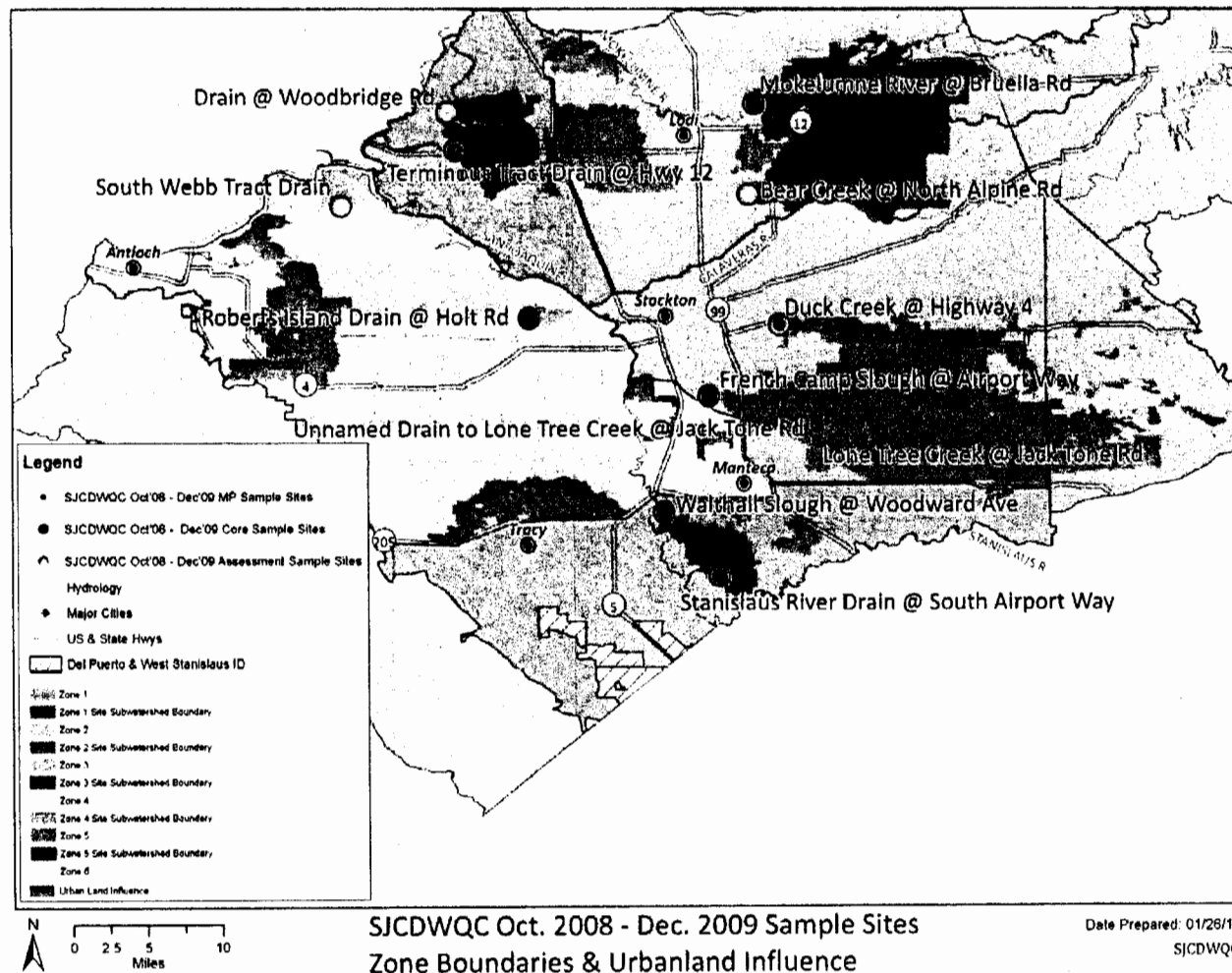


Table 39. Zone 4 (Roberts Island Drain @ Holt Rd, South Webb Tract Drain) Exceedances.

Zone	Station Name	Sample Type Code	Sample Date	DO, mg/L	pH, none	SC, µS/cm	E. coli, MPN/100 mL	Total Dissolved Solids, mg/L	Ammonia as N, mg/L	Arsenic, µg/L	Boron, µg/L	Molybdenum, µg/L	Paraquat dichloride, µg/L	C. dubia, % Control
Zone 4	Roberts Island Drain @ Holt Rd	NM	10/14/2008			896		550						
Zone 4	Roberts Island Drain @ Holt Rd	NM	11/4/2008			764	300							
Zone 4	Roberts Island Drain @ Holt Rd	NM	12/9/2008			894		1055						
Zone 4	Roberts Island Drain @ Holt Rd	NM	1/13/2009					490						
Zone 4	Roberts Island Drain @ Holt Rd	NM	2/10/2009			1019		670						
Zone 4	Roberts Island Drain @ Holt Rd	NM	3/10/2009			1385		880						
Zone 4	Roberts Island Drain @ Holt Rd	NM	4/14/2009			1008		610						
Zone 4	Roberts Island Drain @ Holt Rd	NM	5/12/2009			1059		650						
Zone 4	Roberts Island Drain @ Holt Rd	NM	6/9/2009	5.07		782		480						
Zone 4	Roberts Island Drain @ Holt Rd	NM	7/14/2009	5.85		1282		790						
Zone 4	Roberts Island Drain @ Holt Rd	NM	8/11/2009	5.7		904		550						
Zone 4	Roberts Island Drain @ Holt Rd	NM	9/15/2009	3.58										
Zone 4	Roberts Island Drain @ Holt Rd	NM	10/6/2009			948	280	600						
Zone 4	Roberts Island Drain @ Holt Rd	NM	11/10/2009			1091		640						
Zone 4	Roberts Island Drain @ Holt Rd	NM	12/8/2009			1099		620						
Zone 4	South Webb Tract Drain	NM	10/14/2008	0.2						23				
Zone 4	South Webb Tract Drain	NM	11/4/2008	1.99			370							
Zone 4	South Webb Tract Drain	FD	12/9/2008				1100	490			1000	11		
Zone 4	South Webb Tract Drain	NM	12/9/2008	1.08			580	470		15				
Zone 4	South Webb Tract Drain	NM	1/14/2009	1.85		712		490						
Zone 4	South Webb Tract Drain	NM	2/10/2009	3.38		737		480						
Zone 4	South Webb Tract Drain	NM	3/10/2009	3.43		1020		730		11				

Zone	Station Name	Sample Type Code	Sample Date	DO, mg/L	pH, none	SC, µS/cm	E. coli, MPN/100 mL	Total Dissolved Solids, mg/L	Ammonia as N, mg/L	Arsenic, µg/L	Boron, µg/L	Molybdenum, µg/L	Paraquat dichloride, µg/L	C. dubia, % Control
Zone 4	South Webb Tract Drain	NM, Sediment	4/14/2009	3.01	6.39	1095		1600	1.6	18				
Zone 4	South Webb Tract Drain	NM	5/12/2009	5.4		810		530		24				
Zone 4	South Webb Tract Drain	NM	6/9/2009	4.71			390			30			3.6	
Zone 4	South Webb Tract Drain	NM	7/14/2009	5.97						30				0
Zone 4	South Webb Tract Drain	NM	8/11/2009	2.48			460			33				
Zone 4	South Webb Tract Drain	NM, Sediment	8/19/2009	3.96										
Zone 4	South Webb Tract Drain	NM	9/15/2009	4.51			610			29				
Zone 4	South Webb Tract Drain	NM	10/6/2009	3.48						16				
Zone 4	South Webb Tract Drain	NM	11/10/2009	0.36						19				
Zone 4	South Webb Tract Drain	NM	12/8/2009	0.4						13				

FD-Field Duplicate

NM-Normal Monitoring

DO-Dissolved Oxygen

SC-Specific Conductance

Table 40. Zone 5 (Stanislaus River Drain @ South Airport Way, Walthall Slough @ Woodward Ave) Exceedances.

Zone	Station Name	Sample Type Code	Sample Date	DO, mg/L	SC, µS/cm	Ammonia as N, mg/L	E. coli, MPN/100 mL	Total Dissolved Solids, mg/L	Chlorpyrifos, µg/L	HCH, delta, µg/L	C. dubia, % Control	P. promelas, % Control	S. capricornutum, % Control	H. azteca, % Control
Zone 5	Stanislaus River Drain @ South Airport Way	NM	10/14/2008	1.94	922		870	610	0.027					
Zone 5	Stanislaus River Drain @ South Airport Way	NM	11/4/2008	0.9	1758	35	2400	1300			0	0		
Zone 5	Stanislaus River Drain @ South Airport Way	NM	12/9/2008	1.44			460							
Zone 5	Walthall Slough @ Woodward Ave	NM	1/13/2009	5.58	912			550		0.0055				
Zone 5	Walthall Slough @ Woodward Ave	NM	2/10/2009	1.42	993			570						
Zone 5	Walthall Slough @ Woodward Ave	NM	3/10/2009	3.72		2.4	650	570					38	
Zone 5	Walthall Slough @ Woodward Ave	FD, Sediment	4/14/2009											81
Zone 5	Walthall Slough @ Woodward Ave	NM, Sediment	4/14/2009	3.96										
Zone 5	Walthall Slough @ Woodward Ave	NM	5/12/2009	3.96										
Zone 5	Walthall Slough @ Woodward Ave	NM	6/9/2009	4.2										
Zone 5	Walthall Slough @ Woodward Ave	NM	7/14/2009	2.92										
Zone 5	Walthall Slough @ Woodward Ave	NM	8/11/2009	2.56										
Zone 5	Walthall Slough @ Woodward Ave	NM, Sediment	8/19/2009	3.75										
Zone 5	Walthall Slough @ Woodward Ave	NM	9/15/2009	2.39										
Zone 5	Walthall Slough @ Woodward Ave	NM	10/6/2009	4.84										
Zone 5	Walthall Slough @ Woodward Ave	FD	11/10/2009				390			0.0061				
Zone 5	Walthall Slough @ Woodward Ave	NM	11/10/2009				340							
Zone 5	Walthall Slough @ Woodward Ave	FD	12/8/2009							0.016				
Zone 5	Walthall Slough @ Woodward Ave	NM	12/8/2009							0.019				

FD-Field Duplicate

NM-Normal Monitoring

DO-Dissolved Oxygen

SC-Specific Conductance

HCH – Hexachlorocyclohexane, compared to WQTL for total HCH.

San Joaquin County and Delta Water Quality Coalition

Semi-Annual Monitoring Report

March 1, 2009



Prepared by
Michael L. Johnson LLC

[Covering the period April 2008-September
2008]

Figure 5. Site subwatershed size designation – southern San Joaquin County.

The legend for this map is provided in Figure 2 above.

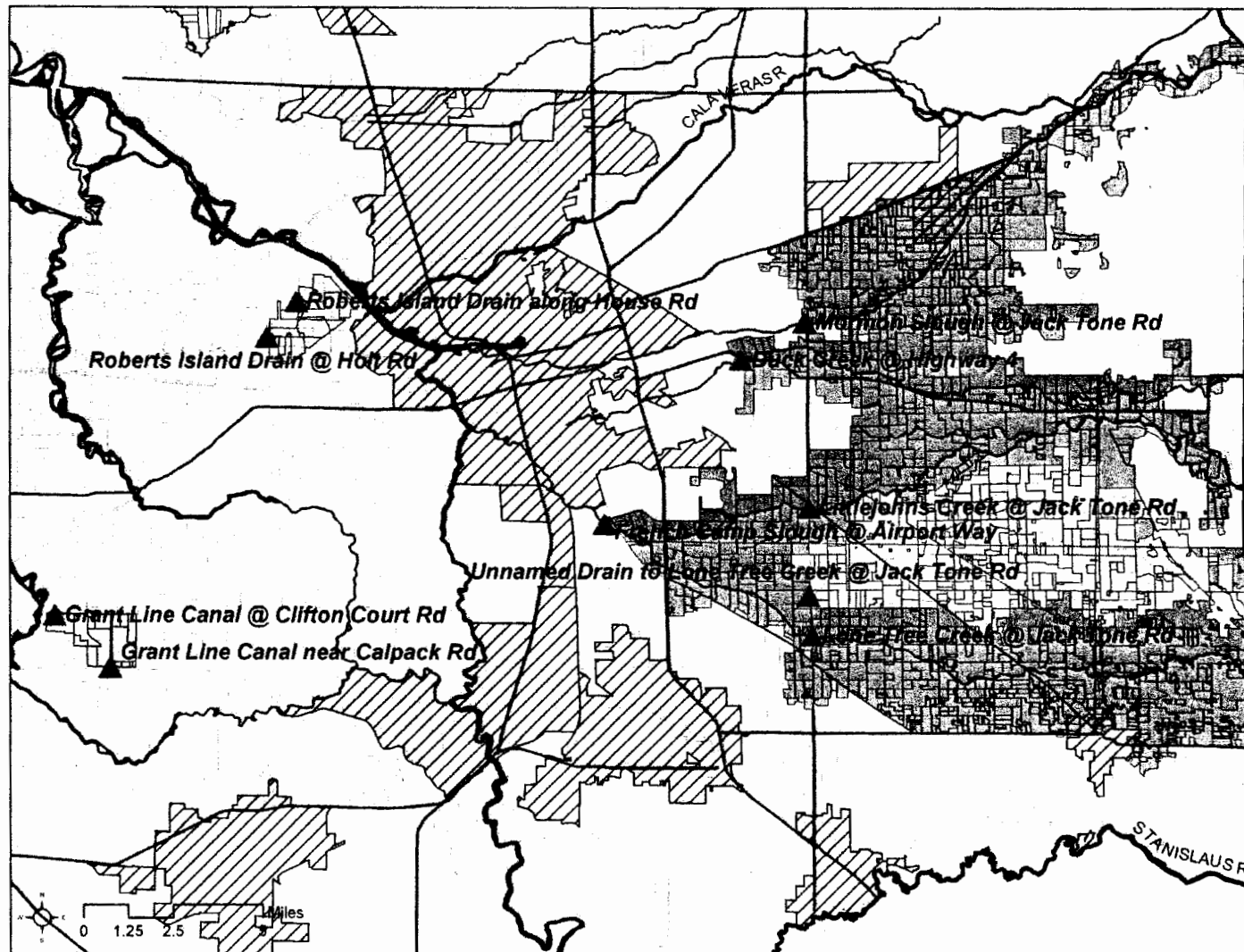


Table 27. Exceedances of field parameters; sorted by station name and sample date.

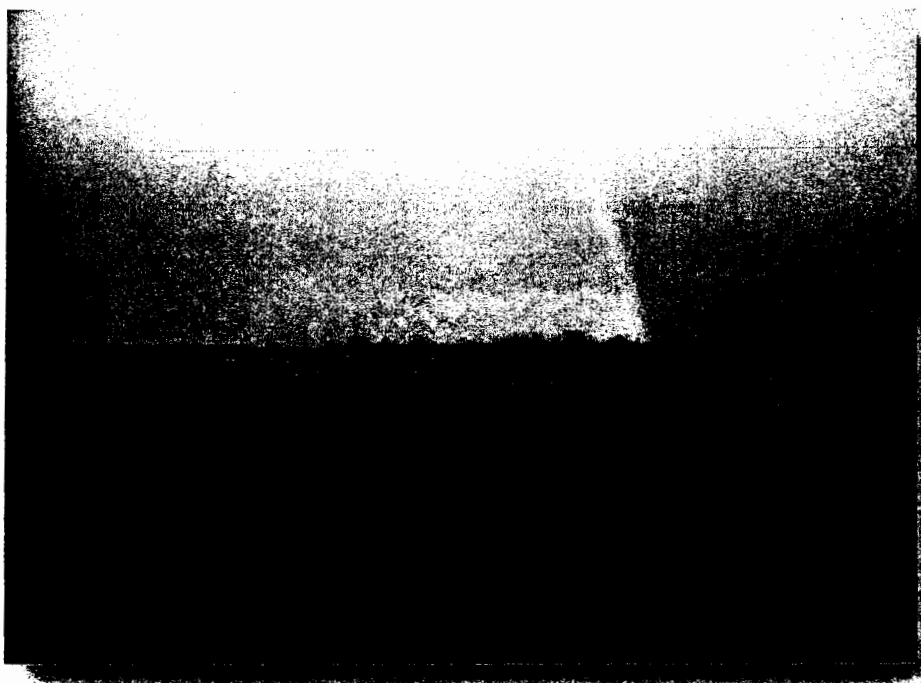
Station Name	Sample Type Code	Sample Date	Sample Time	Oxygen, Dissolved, mg/L	pH, none	Specific Conductivity µS/cm
Duck Creek @ Drais Rd	MPM	5/13/2008	12:10	6	6.05	
Duck Creek @ Drais Rd	MPM	7/15/2008	10:40	2.66		
Duck Creek @ Drais Rd	MPM	9/16/2008	11:40	3.99		
Duck Creek @ Hwy 4	E	5/13/2008	10:00	6.95	6.31	
Duck Creek @ Hwy 4	E	6/10/2008	10:40	6.89		
Duck Creek @ Hwy 4	E	7/15/2008	9:50	5.87		
Duck Creek @ Hwy 4	E	7/22/2008	7:40	4.92		
Duck Creek @ Hwy 4	E	8/12/2008	12:00	6		
Duck Creek @ Hwy 4	E	8/13/2008	11:00	5.34		
Duck Creek @ Hwy 4	E	9/16/2008	10:30	5.92		
French Camp Slough @ Airport Way	E	5/13/2008	17:20	5.83	5.95	
French Camp Slough @ Airport Way	E	8/13/2008	13:20	6.27		
French Camp Slough @ Airport Way	E	9/16/2008	19:20	6.51		
Grant Line Canal @ Clifton Court Rd	E	4/15/2008	12:10	4.82		763
Grant Line Canal @ Clifton Court Rd	E	5/13/2008	13:00			821
Grant Line Canal @ Clifton Court Rd	E	5/21/2008	9:00	1.15		
Grant Line Canal @ Clifton Court Rd	E	6/10/2008	11:40	4.24		892
Grant Line Canal @ Clifton Court Rd	E	7/15/2008	12:40			879
Grant Line Canal @ Clifton Court Rd	E	9/16/2008	19:20		8.61	1099
Grant Line Canal near Calpack Rd	E	4/15/2008	13:10	5.84		1205
Grant Line Canal near Calpack Rd	E	4/23/2008	9:40	3.59		1112
Grant Line Canal near Calpack Rd	E	5/13/2008	13:50			1733
Grant Line Canal near Calpack Rd	E	5/21/2008	9:20	4.95		1067
Grant Line Canal near Calpack Rd	E	6/10/2008	12:40	3.33		1066
Grant Line Canal near Calpack Rd	E	7/15/2008	13:30	3.8		927
Grant Line Canal near Calpack Rd	E	8/12/2008	13:10	0.45		945
Grant Line Canal near Calpack Rd	E	8/13/2008	12:30	2.79		899
Grant Line Canal near Calpack Rd	E	9/16/2008	18:30	0.47		1049
Kellogg Creek along Hoffman Ln	MPM	7/8/2008	9:50	6.54		
Kellogg Creek along Hoffman Ln	E	7/15/2008	11:20	6.59		
Kellogg Creek along Hoffman Ln	E	8/13/2008	11:40	6.89		
Littlejohns Creek @ 26 Mile Rd	MPM	5/13/2008	13:00	4.54	6.32	
Littlejohns Creek @ 26 Mile Rd	MPM	7/15/2008	11:40	5.5		
Littlejohns Creek @ 26 Mile Rd	MPM	8/12/2008	13:50	6.45		
Littlejohns Creek @ 26 Mile Rd	MPM	9/16/2008	12:10	3.65		
Littlejohns Creek @ Jack Tone Rd	E	5/13/2008	14:40	6.7		
Littlejohns Creek @ Jack Tone Rd	E	8/13/2008	11:30	6.19		
Littlejohns Creek @ Jack Tone Rd	E	9/16/2008	15:10	6.34		
Lone Tree Creek @ Brennan Rd	MPM	8/12/2008	15:00	6.66		
Lone Tree Creek @ Jack Tone Rd	E	4/15/2008	13:30	5.85		

Station Name	Sample Type Code	Sample Date	Sample Time	Oxygen, Dissolved, mg/L	pH, none	Specific Conductivity, µS/cm
Lone Tree Creek @ Jack Tone Rd	E	5/13/2008	16:20	4.65	6.1	
Lone Tree Creek @ Valley Home Rd	MPM	5/13/2008	13:20	5.29	5.91	
Lone Tree Creek @ Valley Home Rd	MPM	6/10/2008	12:50	6.62		
Lone Tree Creek @ Valley Home Rd	MPM	7/15/2008	12:10	6.07		
Lone Tree Creek @ Valley Home Rd	MPM	8/12/2008	14:30	4.2		
Lone Tree Creek @ Valley Home Rd	MPM	9/16/2008	12:50	5.93		
Mormon Slough @ Jack Tone Rd	E	4/15/2008	9:50	6.34		
Mormon Slough @ Jack Tone Rd	MPM	5/7/2008	9:50	6.7		
Mormon Slough @ Jack Tone Rd	E	5/13/2008	9:10	4.5		
Mormon Slough @ Jack Tone Rd	E	7/15/2008	9:10		8.61	
Mormon Slough @ Jack Tone Rd	E	8/12/2008	9:50	4.82		
Mormon Slough @ Jack Tone Rd	E	8/13/2008	10:20		8.59	
Mormon Slough @ Jack Tone Rd	MPM	9/9/2008	8:50	6.92	8.57	
Mormon Slough @ Jack Tone Rd	E	9/16/2008	9:40		8.58	
Roberts Island Drain @ Holt Rd	E	4/15/2008	14:10			1122
Roberts Island Drain @ Holt Rd	E	4/23/2008	10:30	5.41		914
Roberts Island Drain @ Holt Rd	E	5/13/2008	14:50	5.21		1285
Roberts Island Drain @ Holt Rd	E	5/21/2008	10:00	5.74		878
Roberts Island Drain @ Holt Rd	E	6/10/2008	16:10			937
Roberts Island Drain @ Holt Rd	E	7/15/2008	14:50	6.47		
Roberts Island Drain @ Holt Rd	E	8/12/2008	14:20	6.98		
Roberts Island Drain @ Holt Rd	E	8/13/2008	9:40	6.28		
Roberts Island Drain @ Holt Rd	E	9/16/2008	10:30	6		814
Roberts Island Drain along House Rd	E	4/15/2008	15:20	6.82		1225
Roberts Island Drain along House Rd	E	4/23/2008	10:50	3.82		1207
Roberts Island Drain along House Rd	E	5/13/2008	15:40			1540
Roberts Island Drain along House Rd	E	5/21/2008	10:20	5.77		964
Roberts Island Drain along House Rd	E	6/10/2008	14:10	4.38		871
Roberts Island Drain along House Rd	E	7/15/2008	17:00	5.55		
Roberts Island Drain along House Rd	E	8/12/2008	15:20			925
Roberts Island Drain along House Rd	E	8/13/2008	9:10	4.85		774
Roberts Island Drain along House Rd	E	9/16/2008	9:20	5		
Roberts Island Drain along House Rd	E	9/18/2008	11:50	4.65		767
Roberts Island Drain along House Rd	E	9/23/2008	7:40	2.85		961
Sand Creek @ Hwy 4 Bypass	E	4/15/2008	7:50	5.97		2029
Sand Creek @ Hwy 4 Bypass	E	4/23/2008	8:20	5.97		1913
Sand Creek @ Hwy 4 Bypass	MPM	5/7/2008	8:10	5.21		1707
Sand Creek @ Hwy 4 Bypass	E	5/13/2008	9:00	5.77		1859
Sand Creek @ Hwy 4 Bypass	MPM	6/3/2008	8:10	5.26		1898
Sand Creek @ Hwy 4 Bypass	E	6/10/2008	7:50	2.92		1845
Sand Creek @ Hwy 4 Bypass	MPM	7/8/2008	9:10	3.52		1758
Sand Creek @ Hwy 4 Bypass	E	7/15/2008	9:20	4.77		1059

San Joaquin County and Delta Water Quality Coalition

Semi-Annual Monitoring Report

June 30, 2008



Above photo by Roy Tennant Copyright © 2007 FreeLargePhotos.com

Prepared by
Michael L. Johnson LLC

[Covering the period from January-March
2008.]

Figure 6. Site subwatershed size designation – southern San Joaquin County.

The legend for this map is provided in Figure 3 above.

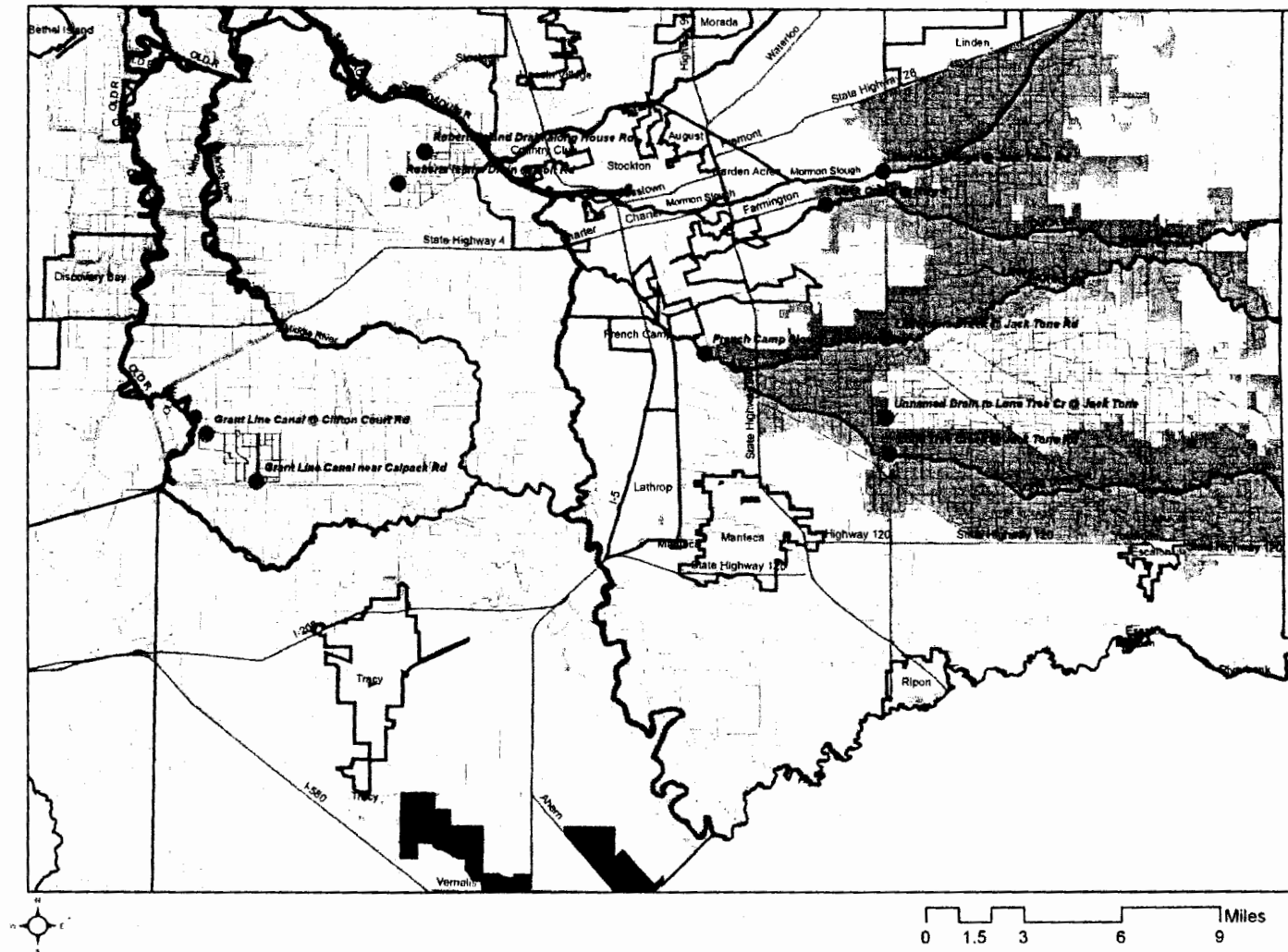


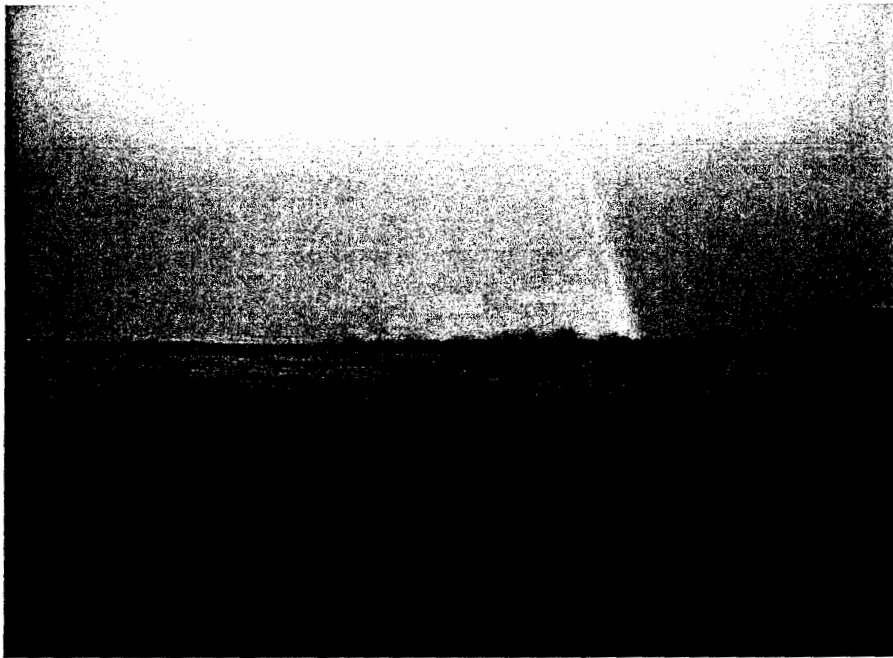
Table 27. Exceedances of field parameters; sorted by station name and sample date.

Station Name	Sample Date	Sample Time	Oxygen, Dissolved, mg/L	pH, none	Specific Conductivity, µS/cm
Grant Line Canal @ Clifton Court Rd	01/23/08	15:10	4.33		1483
Grant Line Canal @ Clifton Court Rd	01/30/08	9:00	3.2		1625
Grant Line Canal @ Clifton Court Rd	03/18/08	10:20	5.97		1759
Grant Line Canal near Calpack Rd	01/23/08	13:40	5.49		1736
Grant Line Canal near Calpack Rd	01/30/08	9:30	5.34		1877
Grant Line Canal near Calpack Rd	03/18/08	10:50			1891
Kellogg Creek along Hoffman Ln	03/18/08	12:20		9.26	
Lone Tree Creek @ Jack Tone Rd	01/23/08	17:10	3.79		
Marsh Creek @ Concord Ave	01/23/08	11:50			1135
Marsh Creek @ Concord Ave	03/18/08	13:00			930
Mormon Slough @ Jack Tone Rd	03/18/08	8:30	5.19		
Roberts Island Drain @ Holt Rd	01/23/08	9:10			1046
Roberts Island Drain @ Holt Rd	01/30/08	8:30	6.17		1857
Roberts Island Drain @ Holt Rd	03/18/08	9:40	5.13		1393
Roberts Island Drain along House Rd	01/23/08	8:10			1297
Roberts Island Drain along House Rd	03/18/08	9:20			2815
Sand Creek @ Hwy 4 Bypass	01/23/08	10:40			1058
Sand Creek @ Hwy 4 Bypass	03/18/08	13:30			1400
Sand Creek @ Hwy 4 Bypass	04/09/08	8:50			2034
Terminus Tract Drain @ Hwy 12	01/23/08	7:50			1454
Terminus Tract Drain @ Hwy 12	01/30/08	7:30			1479

December 31, 2007

San Joaquin County and Delta Water Quality Coalition

Semi-Annual Monitoring Report December 31, 2007



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Prepared by
Michael L. Johnson LLC

[Covering the period from April-September
2007.]

The legend for this map is provided in Figure 3 above.

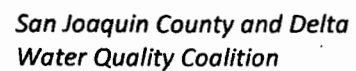


Table 27. Exceedances of field parameters.

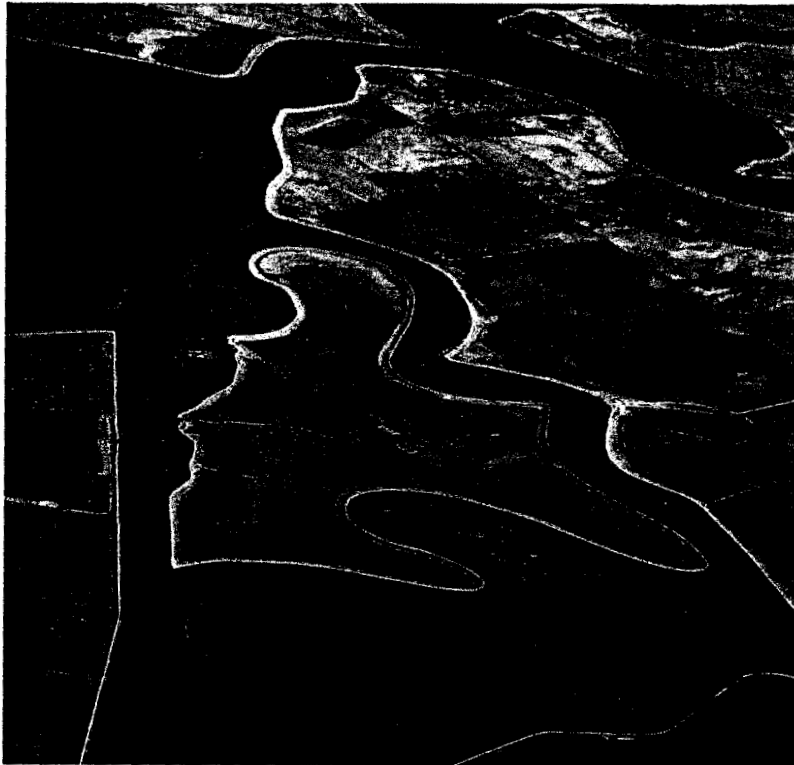
Station Name	Sample Date	Sample Time	Oxygen, Dissolved, mg/L	pH, none	Specific Conductivity, $\mu\text{S}/\text{cm}$
Duck Creek @ Hwy 4	06/12/07	11:50		8.66	
Duck Creek @ Hwy 4	07/10/07	9:40	6.67		
Duck Creek @ Hwy 4	08/09/07	10:50	6.54		
Duck Creek @ Hwy 4	09/04/07	10:40	6.99		
Duck Creek @ Hwy 4	09/25/07	9:00	5.83		
Grant Line Canal @ Clifton Court Rd	04/11/07	18:10	3.56		
Grant Line Canal @ Clifton Court Rd	05/22/07	16:00	5.77		
Grant Line Canal @ Clifton Court Rd	06/12/07	17:10	4.09		
Grant Line Canal @ Clifton Court Rd	06/20/07	15:40	4		1011
Grant Line Canal @ Clifton Court Rd	07/10/07	14:40	0.14		
Grant Line Canal @ Clifton Court Rd	08/07/07	16:50			997
Grant Line Canal @ Clifton Court Rd	08/09/07	15:10			810
Grant Line Canal @ Clifton Court Rd	09/04/07	14:00			838
Grant Line Canal near Calpack Rd	04/11/07	19:20	2.76		972
Grant Line Canal near Calpack Rd	05/22/07	14:30	6.24		1222
Grant Line Canal near Calpack Rd	06/12/07	16:00	5.48		1209
Grant Line Canal near Calpack Rd	07/10/07	15:50	6.2		1289
Grant Line Canal near Calpack Rd	07/17/07	13:20	3		1123
Grant Line Canal near Calpack Rd	07/30/07	16:00	1.22		998
Grant Line Canal near Calpack Rd	08/07/07	18:40	3.42		956
Grant Line Canal near Calpack Rd	08/09/07	14:20	4.97		1174
Grant Line Canal near Calpack Rd	08/28/07	9:30	2.3		1654
Grant Line Canal near Calpack Rd	09/04/07	13:10	1.89		1225
Kellogg Creek along Hoffman Ln	08/07/07	15:10		8.52	
Kellogg Creek along Hoffman Ln	09/25/07	10:10	6.87	8.75	
Littlejohns Creek @ Jack Tone Rd	07/10/07	11:10	6.85		
Littlejohns Creek @ Jack Tone Rd	07/17/07	12:20	6.6		

Station Name	Sample Date	Sample Time	Oxygen, Dissolved, mg/L	pH, none	Specific Conductivity, $\mu\text{S}/\text{cm}$
Littlejohns Creek @ Jack Tone Rd	08/28/07	10:10	5.85		
Littlejohns Creek @ Jack Tone Rd	09/04/07	11:40	5.72		
Marsh Creek @ Marsh Creek Rd Upper	04/11/07	15:50			1447
Mokelumne River @ Bruella Rd	04/10/07	9:50		8.52	
Mormon Slough @ Jack Tone Rd	06/12/07	10:50	6.68		
Mormon Slough @ Jack Tone Rd	07/10/07	9:10	6.27		
Mormon Slough @ Jack Tone Rd	07/17/07	11:10	6		
Roberts Island Drain @ Holt Rd	04/11/07	9:50	5.16		950
Roberts Island Drain @ Holt Rd	05/22/07	9:30	6.85		1851
Roberts Island Drain @ Holt Rd	06/12/07	9:10	3.3		751
Roberts Island Drain @ Holt Rd	07/10/07	10:20	3.72		749
Roberts Island Drain @ Holt Rd	08/07/07	11:20	2.32		920
Roberts Island Drain @ Holt Rd	08/09/07	10:00	0.64		1134
Roberts Island Drain @ Holt Rd	08/28/07	16:10	4.83		1436
Roberts Island Drain @ Holt Rd	09/04/07	8:50	1.99		966
Roberts Island Drain @ Holt Rd	09/25/07	8:50	2.25		1132
Roberts Island Drain along House Rd	04/11/07	8:20	4.74		1723
Roberts Island Drain along House Rd	06/12/07	8:10	4.7		793
Roberts Island Drain along House Rd	07/10/07	9:30	3.3		1148
Roberts Island Drain along House Rd	08/07/07	10:20	6.75		
Roberts Island Drain along House Rd	08/09/07	9:10	5.92		759
Roberts Island Drain along House Rd	09/04/07	8:00	4.71		
Roberts Island Drain along House Rd	09/25/07	8:10	3.39		1527
Sand Creek @ Hwy 4 Bypass	04/11/07	11:40			1919
Sand Creek @ Hwy 4 Bypass	05/22/07	11:10			1946
Sand Creek @ Hwy 4 Bypass	06/12/07	10:50	6.35		1848
Sand Creek @ Hwy 4 Bypass	06/20/07	13:45			1913
Sand Creek @ Hwy 4 Bypass	07/10/07	12:10			1554
Sand Creek @ Hwy 4 Bypass	07/30/07	17:30	5.02		1817

June 30, 2007

San Joaquin County & Delta Water Quality Coalition

SEMI-ANNUAL MONITORING REPORT STORM 2006/2007



Prepared by
Michael L. Johnson LLC

[Covering the period from February-
March 2007.]

Figure 6. Site subwatershed size designation – southern San Joaquin County.

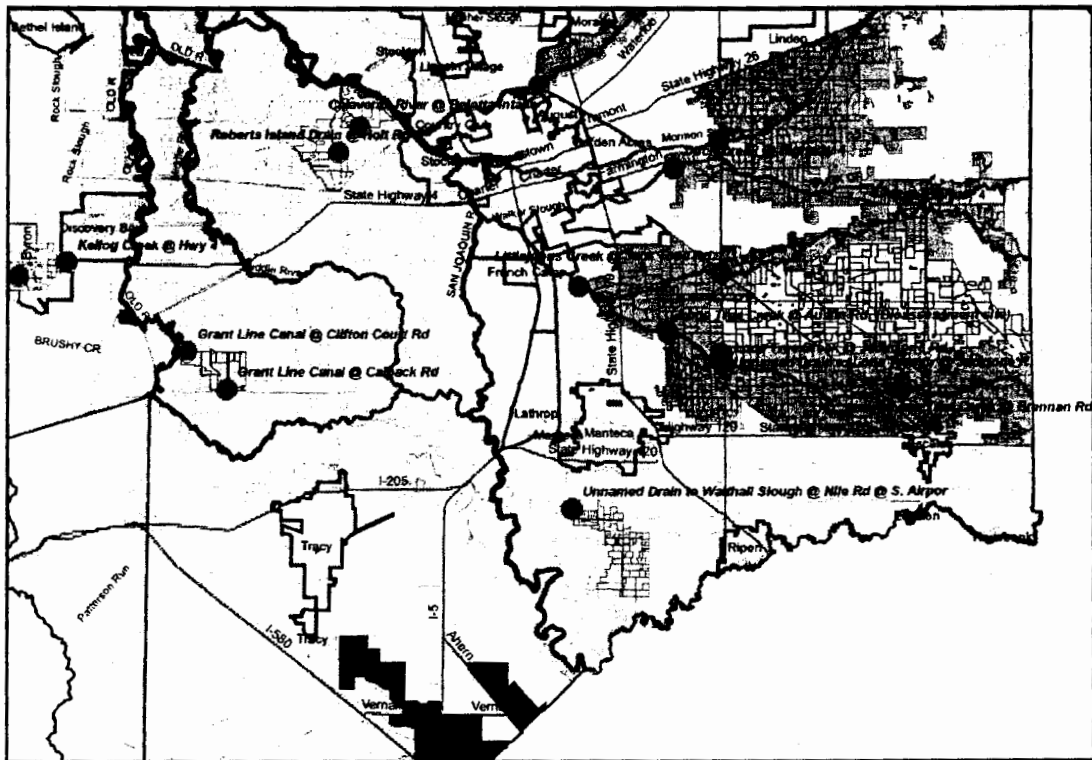


Table 273. Field parameter exceedances.

Station Name	Sample Date	Oxygen, Dissolved, mg/L	pH, none	Specific Conductivity, $\mu S/cm$
Duck Creek @ Hwy 4	03/06/07	5.8		
French Camp Slough @ Airport Way	02/11/07	0.91		
Grant Line Canal @ Clifton Court Rd	02/11/07			1204
Grant Line Canal @ Clifton Court Rd	02/28/07		6.37	1099
Grant Line Canal @ Clifton Court Rd	03/07/07	4.21	6.3	
Grant Line Canal near Calpack Rd	02/11/07			1583
Grant Line Canal near Calpack Rd	02/28/07			1505
Grant Line Canal near Calpack Rd	03/07/07			1624
Grant Line Canal near Calpack Rd	03/29/07			1200
Kellogg Creek along Hoffman Ln	03/07/07	3.03		
Lone Tree Creek @ Jack Tone Rd	02/11/07	5.54		
Marsh Creek @ Concord Ave	02/11/07			1487
Marsh Creek @ Concord Ave	02/28/07			821
Marsh Creek @ Concord Ave	03/06/07			1049
Marsh Creek @ Concord Ave	03/29/07			1260
Marsh Creek @ Marsh Creek Rd Lower	02/11/07			1444
Marsh Creek @ Marsh Creek Rd Lower	02/28/07			883
Marsh Creek @ Marsh Creek Rd Upper	02/11/07			1122
Roberts Island Drain @ Holt Rd	02/11/07			1231
Roberts Island Drain @ Holt Rd	02/28/07	6.14		1368
Roberts Island Drain @ Holt Rd	03/06/07			856
Roberts Island Drain along House Rd	02/11/07	5.81		1212
Roberts Island Drain along House Rd	02/28/07			1966
Roberts Island Drain along House Rd	03/06/07			1970
Roberts Island Drain along House Rd	03/29/07	5.12		1872
Sand Creek @ Hwy 4 Bypass	02/11/07			2851

ATTACHMENT #5

New Jerusalem Drain Station (2005-2010):
Monthly Average Electrical Conductivity

Note: The following monthly averages were calculated from the 15-minute data collections of the New Jerusalem Drain station, as reported on the California Data Exchange Center ("CDEC"), available at http://cdec.water.ca.gov/cgi-progs/staMeta?station_id=NJD. **Electrical conductivity values are stated in micro Siemens per cm ($\mu\text{S}/\text{cm}$).** The last year of reported data available on the CDEC for the New Jerusalem Drain Station is 2010.

	2005	2006	2007	2008	2009	2010	Six-Year Average
January	1,498	2,405	2,447	2,222	2,383	2,207	2,230
February	2,715	2,408	2,440	2,635	3,610	2,530	2,728
March	2,774	2,379	2,514	2,676	2,976	2,480	2,635
April	2,779	2,285	2,365	2,620	2,514	2,746	2,550
May	2,598	2,344	2,319	2,755	2,505	2,475	2,499
June	2,517	2,346	2,399	2,640	2,442	2,363	2,450
July	2,446	2,448	2,450	2,477	2,389	2,288	2,416
August	2,417	2,491	2,395	2,438	2,359	2,326	2,390
September	2,363	N/A	2,337	2,298	2,309	2,342	2,328
October	2,325	N/A	2,448	2,164	2,106	2,525	2,313
November	2,270	2,598	2,613	2,172	2,097	2,406	2,320
December	2,339	2,505	2,577	2,556	2,074	2,358	2,400